

R-MAMMA1002820//ESTs//5.0e-14:192:74//Hs.134635:AA226260
 R-MAMMA1002830//EST//4.0e-50:255:97//Hs.160674:AI248319
 R-MAMMA1002833//EST//1.2e-48:306:88//Hs.149580:AI281881
 R-MAMMA1002835
 R-MAMMA1002838//EST//2.7e-12:161:76//Hs.163252:AA828723
 R-MAMMA1002842//ESTs//1.7e-41:366:78//Hs.141899:N22395
 R-MAMMA1002843//Von Hippel-Lindau syndrome//8.8e-38:258:79//Hs.78160:AF0
 10238
 R-MAMMA1002844//ESTs//3.5e-51:250:99//Hs.151445:AA351081
 R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end//9.0e-101:361:91//Hs.85155:X
 79067
 R-MAMMA1002868//ESTs//2.1e-38:301:80//Hs.132717:AA171941
 R-MAMMA1002871//EST//6.0e-88:413:99//Hs.149057:AI243592
 R-MAMMA1002880//ESTs//6.5e-100:506:96//Hs.163533:N52194
 R-MAMMA1002881//EST//1.1e-40:335:80//Hs.160895:AI365871
 R-MAMMA1002886//Small inducible cytokine A5 (RANTES)//3.4e-36:228:88//Hs
 .155464:AF088219
 R-MAMMA1002887//ESTs//4.7e-87:409:99//Hs.152155:AA424811
 R-MAMMA1002890//ESTs, Weakly similar to coded for by C. elegans cDNA CEE
 SB82F [C.elegans] //4.2e-92:438:99//Hs.155871:AA533783
 R-MAMMA1002892//Homo sapiens EVI5 homolog mRNA, complete cds//4.9e-62:32
 2:80//Hs.26929:AF008915
 R-MAMMA1002895//ESTs//2.7e-32:330:76//Hs.139132:AA211087
 R-MAMMA1002908//Calcium modulating ligand//4.6e-48:313:86//Hs.13572:AF06
 8179
 R-MAMMA1002909//Human mRNA for KIAA0180 gene, partial cds//3.4e-09:132:7
 6//Hs.90981:D80002
 R-MAMMA1002930//EST//4.9e-44:260:91//Hs.149580:AI281881
 R-MAMMA1002938

R-MAMMA1002941//Human Line-1 repeat mRNA with 2 open reading frames//1.1e-83:556:85//Hs.23094:M19503

R-MAMMA1002947//ESTs//7.0e-22:222:80//Hs.103395:T79243

R-MAMMA1002964//Human mRNA for KIAA0355 gene, complete cds//1.6e-44:427:77//Hs.153014:AB002353

R-MAMMA1002970//Thromboxane A2 receptor//7.9e-48:300:84//Hs.89887:D38081

R-MAMMA1002972//ESTs, Weakly similar to KIAA0371 [H.sapiens]//9.6e-104:525:95//Hs.94396:AA399630

R-MAMMA1002973//ESTs//4.4e-40:257:87//Hs.163580:H15835

R-MAMMA1002982//ESTs//2.5e-28:115:87//Hs.141694:W15279

R-MAMMA1002987//Homo sapiens DNA fragmentation factor 40 kDa subunit (DF F40) mRNA, complete cds//2.1e-41:402:67//Hs.133089:AF064019

R-MAMMA1003003//Calcium modulating ligand//1.9e-45:380:79//Hs.13572:AF068179

R-MAMMA1003004//ESTs//3.0e-07:378:60//Hs.61885:A1127857

R-MAMMA1003007//ESTs//2.0e-47:404:80//Hs.146314:R99617

R-MAMMA1003011//ESTs, Highly similar to HISTONE MACRO-H2A.1 [Rattus norvegicus]//1.4e-53:320:90//Hs.92023:A1022248

R-MAMMA1003015//ESTs//1.5e-42:363:79//Hs.155184:AA573189

R-MAMMA1003019//ESTs//4.8e-10:232:66//Hs.111341:AA251268

R-MAMMA1003026//ESTs//2.3e-83:394:99//Hs.24668:AA897315

R-MAMMA1003031//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.5e-27:257:77//Hs.96337:AA225358

R-MAMMA1003035//ESTs//1.3e-94:481:94//Hs.92411:AA603321

R-MAMMA1003039//EST//0.56:210:61//Hs.162248:AA552160

R-MAMMA1003040//ESTs//2.1e-17:261:70//Hs.46980:W55940

R-MAMMA1003044//EST//2.4e-18:124:91//Hs.130321:A1002941

R-MAMMA1003047//ESTs//1.0e-20:209:78//Hs.15916:H12862

R-MAMMA1003049//14-3-3 PROTEIN SIGMA//0.94:184:60//Hs.2510:X57348

R-MAMMA1003055//EST//1.0e-49:281:92//Hs.149580:AI281881
R-MAMMA1003056//ESTs//0.99:107:66//Hs.30348:AI038559
R-MAMMA1003057//ESTs, Highly similar to hypothetical protein MD6 [M.musculus] //1.1e-102:545:93//Hs.13755:AA878911
R-MAMMA1003066//H.sapiens mRNA for urea transporter//8.1e-45:322:83//Hs.66710:X96969
R-MAMMA1003089//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens] //1.4e-34:421:70//Hs.161959:AA493652
R-MAMMA1003099//ESTs//1.1e-43:379:79//Hs.37573:H59651
R-MAMMA1003104//ESTs//2.1e-97:498:96//Hs.9299:T51283
R-MAMMA1003113//EST//3.7e-29:457:70//Hs.123616:AA815366
R-MAMMA1003127//ESTs//2.6e-41:283:86//Hs.146811:AA410788
R-MAMMA1003135//ESTs//7.2e-101:504:97//Hs.87729:AA863125
R-MAMMA1003140//ESTs//4.3e-44:200:89//Hs.152093:AI149537
R-MAMMA1003146//Wingless-type MMTV integration site 5A, human homolog//0.020:413:61//Hs.152213:L20861
R-MAMMA1003150
R-MAMMA1003166//ESTs, Moderately similar to PEANUT PROTEIN [Drosophila melanogaster] //2.0e-87:524:89//Hs.6884:W30736
R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence//1.6e-111:587:94//Hs.108112:AF070640
R-NT2RM4000024//ESTs//2.9e-98:523:94//Hs.26641:R59312
R-NT2RM4000027
R-NT2RM4000030//ESTs//1.6e-96:482:96//Hs.90625:T03663
R-NT2RM4000046//ESTs//1.6e-91:461:97//Hs.151237:AI186169
R-NT2RM4000061//ESTs//4.3e-31:167:97//Hs.110821:Z78379
R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds//4.0e-113:549:97//Hs.95665:AF070639
R-NT2RM4000086//EST//2.7e-17:212:76//Hs.137041:AA877817

R-NT2RM4000104//ESTs//3.0e-85:452:94//Hs.101750:H19708
 R-NT2RM4000139//EST//3.3e-05:156:66//Hs.133228:AI052312
 R-NT2RM4000155//ESTs, Moderately similar to THREONYL-TRNA SYNTHETASE, CY
 TOPLASMIC [H.sapiens] //1.9e-99:536:92//Hs.127810:AI246301
 R-NT2RM4000156//EST//0.89:169:62//Hs.162967:AA676397
 R-NT2RM4000167//ESTs//1.0:214:61//Hs.119370:W52962
 R-NT2RM4000169//ESTs//5.4e-82:440:93//Hs.159379:AI382160
 R-NT2RM4000191//ESTs, Weakly similar to P68 PROTEIN [H.sapiens] //4.1e-99
 :542:93//Hs.6366:AA614113
 R-NT2RM4000197//ESTs//5.4e-113:567:96//Hs.22975:AA156723
 R-NT2RM4000199//ESTs//0.020:95:65//Hs.146203:AI254528
 R-NT2RM4000200//ESTs//1.4e-100:488:97//Hs.126538:AA931876
 R-NT2RM4000202//Small inducible cytokine A5 (RANTES)//4.3e-37:330:77//Hs
 .155464:AF088219
 R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.
 7e-103:546:94//Hs.111138:AB018255
 R-NT2RM4000215
 R-NT2RM4000229//ESTs//7.1e-92:457:97//Hs.162074:AA477760
 R-NT2RM4000233//Fms-related tyrosine kinase 1 (vascular endothelial grow
 th factor/vascular permeability factor receptor)//0.00020:174:66//Hs.235
 :X51602
 R-NT2RM4000244//ESTs//6.6e-61:320:95//Hs.108646:AA613031
 R-NT2RM4000251//Homo sapiens mRNA for TRIP6 (thyroid receptor interactin
 g protein)//0.63:219:62//Hs.119498:AF000974
 R-NT2RM4000265//ESTs//8.8e-105:489:99//Hs.131001:AI378742
 R-NT2RM4000290//ESTs//4.0e-87:435:96//Hs.162592:AA594128
 R-NT2RM4000324//ESTs//2.2e-80:413:96//Hs.12313:R43673
 R-NT2RM4000327//Small inducible cytokine A5 (RANTES)//3.2e-45:286:87//Hs
 .155464:AF088219

R-NT2RM4000344//Clathrin, light polypeptide (Lcb)//8.6e-60:452:84//Hs.73
919:X81637

R-NT2RM4000349//ESTs, Weakly similar to KIAA0005 [H.sapiens]//2.5e-117:5
79:96//Hs.5216:AA534881

R-NT2RM4000354//ESTs//2.1e-85:406:99//Hs.126774:AI224479

R-NT2RM4000356//ESTs//7.9e-109:548:96//Hs.44278:AA418063

R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//2.8
e-113:577:95//Hs.8152:AB014542

R-NT2RM4000368//ESTs//2.2e-61:310:97//Hs.143611:M78140

R-NT2RM4000386//ESTs, Weakly similar to tenascin-like protein [D.melanog
aster]//1.0e-93:521:92//Hs.41793:AA775879

R-NT2RM4000395//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN
SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-99:524:
94//Hs.5249:U55977

R-NT2RM4000414//EST//2.7e-06:196:64//Hs.136648:AA688285

R-NT2RM4000421//ESTs, Weakly similar to No definition line found [C.eleg
ans]//5.4e-75:470:90//Hs.69235:AA192359

R-NT2RM4000425//H.sapiens mRNA for MACH-alpha-2 protein//0.17:112:69//Hs.
.19949:X98173

R-NT2RM4000433//ESTs//2.7e-100:479:98//Hs.24553:AI150687

R-NT2RM4000457//ESTs//5.1e-107:535:95//Hs.7579:AA775865

R-NT2RM4000471//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Sacc
haromyces cerevisiae]//6.0e-99:492:96//Hs.21090:AA418587

R-NT2RM4000486//ESTs, Moderately similar to unnamed protein product [H.s
apiens]//2.2e-102:493:97//Hs.111279:W84558

R-NT2RM4000496

R-NT2RM4000511//EST//5.1e-43:326:81//Hs.157658:AI358465

R-NT2RM4000514//ESTs//1.7e-112:552:96//Hs.6686:AA205496

R-NT2RM4000515//ESTs, Weakly similar to HYPOTHETICAL 85.0 KD PROTEIN IN

CPA2-ATP2 INTERGENIC REGION [*Saccharomyces cerevisiae*] //1.4e-60:343:93//
Hs.16014:AA074879
R-NT2RM4000520//ESTs//2.7e-55:266:100//Hs.99838:AA204731
R-NT2RM4000531//ESTs//2.0e-88:502:91//Hs.13110:T67461
R-NT2RM4000532//ESTs//0.47:290:58//Hs.148753:T91777
R-NT2RM4000534//EST//0.00025:303:60//Hs.162809:AA632198
R-NT2RM4000585//EST//0.28:63:77//Hs.150024:AI291981
R-NT2RM4000590//ESTs//5.8e-65:320:98//Hs.116017:AA613437
R-NT2RM4000595//Homo sapiens KIAA0431 mRNA, partial cds//0.99:189:64//Hs
.16349:AB007891
R-NT2RM4000603//ESTs//4.6e-68:356:96//Hs.48855:AA134589
R-NT2RM4000611//ESTs//1.5e-89:431:97//Hs.26117:W16697
R-NT2RM4000616//ESTs, Highly similar to ACETYL-COENZYME A SYNTHETASE [*Escherichia coli*] //1.4e-102:519:96//Hs.14779:N64822
R-NT2RM4000674//ESTs//5.1e-78:398:97//Hs.8268:N70144
R-NT2RM4000689//ESTs, Weakly similar to T01G9.4 [*C.elegans*] //2.9e-115:55
0:98//Hs.11820:AA205531
R-NT2RM4000698//ESTs//2.0e-17:130:87//Hs.86420:AA927510
R-NT2RM4000700
R-NT2RM4000712//EST//0.99:103:65//Hs.114039:AA701128
R-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PR
ECURSOR [*Mus musculus*] //2.2e-103:519:95//Hs.6823:W18181
R-NT2RM4000733//ESTs//8.7e-88:429:98//Hs.72185:AA465311
R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.6
e-105:536:95//Hs.137168:AB018303
R-NT2RM4000741//ESTs//0.99:266:58//Hs.142718:AA034046
R-NT2RM4000751//ESTs//1.6e-20:351:66//Hs.43145:AA776988
R-NT2RM4000764
R-NT2RM4000778//EST//0.066:254:61//Hs.148232:AA904174

R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//9.3e-106:546:94//Hs.18586:AB007920

R-NT2RM4000787//Human melanoma antigen recognized by T-cells (MART-1) mRNA//6.5e-40:424:73//Hs.154069:U06452

R-NT2RM4000790//EST//9.0e-48:259:94//Hs.159694:AI417008

R-NT2RM4000795//Human mRNA for KIAA0067 gene, complete cds//1.0:203:63//Hs.20991:D31891

R-NT2RM4000796//ESTs//7.0e-106:506:98//Hs.43559:AI003520

R-NT2RM4000798//Human polymorphic epithelial mucin core protein mRNA, 3' end//2.5e-28:158:96//Hs.118249:M21868

R-NT2RM4000813

R-NT2RM4000820//ESTs, Weakly similar to hypothetical protein [H.sapiens] //1.3e-109:539:97//Hs.99636:AI219667

R-NT2RM4000833//ESTs, Moderately similar to ZK863.3 [C.elegans] //4.0e-112:448:99//Hs.20223:AA482031

R-NT2RM4000848//ESTs//8.1e-97:476:97//Hs.16036:AA883864

R-NT2RM4000852//ESTs//6.4e-94:467:97//Hs.11556:AI309597

R-NT2RM4000855//ESTs//2.9e-95:544:90//Hs.106525:AI283343

R-NT2RM4000887

R-NT2RM4000895//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNIN G ENTRY !!!! [H.sapiens] //9.3e-96:450:99//Hs.142076:AA604514

R-NT2RM4000950//ESTs//2.6e-91:438:98//Hs.43827:AA455262

R-NT2RM4000971//EST//2.9e-96:461:99//Hs.139709:AA227887

R-NT2RM4000979//EST//1.6e-67:329:98//Hs.96927:AA349647

R-NT2RM4000996//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens] //1.7e-82:414:96//Hs.115342:AA650126

R-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//3.8e-114:545:97//Hs.19542:AB018272

R-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//2.5

e-114:556:97//Hs.15711:AB014539
R-NT2RM4001032//ESTs//7.8e-17:132:84//Hs.138720:N53352
R-NT2RM4001047//Homo sapiens UKLF mRNA for ubiquitous Kruppel like facto
r, complete cds//0.42:133:67//Hs.32170:AB015132
R-NT2RM4001054//ESTs//1.7e-84:404:99//Hs.116407:AA815300
R-NT2RM4001084//ESTs//3.4e-91:439:99//Hs.103177:W72798
R-NT2RM4001092//ESTs//1.4e-86:517:89//Hs.132969:Z78324
R-NT2RM4001116//EST//5.2e-57:275:100//Hs.131115:AI016962
R-NT2RM4001140//ESTs//5.5e-96:461:98//Hs.86965:AA252276
R-NT2RM4001151//ESTs//0.40:263:58//Hs.113189:R08311
R-NT2RM4001155//ESTs//8.3e-105:544:94//Hs.29647:W60848
R-NT2RM4001160//EST//7.6e-25:380:68//Hs.147405:AI209085
R-NT2RM4001187//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens]//9.2e-43:273:91//Hs.109005:N31174
R-NT2RM4001191//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//3
.1e-32:274:70//Hs.2379:U23942
R-NT2RM4001200//ESTs//4.5e-102:494:97//Hs.31844:N32849
R-NT2RM4001203
R-NT2RM4001204//ESTs//9.8e-88:468:93//Hs.4990:T65307
R-NT2RM4001217//ESTs//1.2e-75:396:94//Hs.25042:R72410
R-NT2RM4001256//ESTs//1.0:157:62//Hs.65377:AA994677
R-NT2RM4001258//ESTs//9.6e-41:260:88//Hs.27633:N76184
R-NT2RM4001309
R-NT2RM4001313//EST//0.0022:150:66//Hs.161573:W84857
R-NT2RM4001316//ESTs//3.5e-26:139:99//Hs.23100:AI128899
R-NT2RM4001320//ESTs//1.6e-97:308:99//Hs.112024:AI042352
R-NT2RM4001340//ESTs, Highly similar to UTR4 PROTEIN [Saccharomyces cer
evisiae]//1.9e-105:522:97//Hs.18442:AI129307
R-NT2RM4001344//EST//1.1e-90:436:99//Hs.95900:AA160339

R-NT2RM4001347//EST//0.17:186:61//Hs.16751:T90476
 R-NT2RM4001371//EST//0.0069:270:62//Hs.99239:AA450211
 R-NT2RM4001382
 R-NT2RM4001384//ESTs//9.6e-91:445:98//Hs.55000:AA805507
 R-NT2RM4001410//EST//0.13:50:82//Hs.157675:AI358790
 R-NT2RM4001411//ESTs, Weakly similar to lymphocyte specific adaptor protein Lnk [M.musculus] //4.0e-102:539:94//Hs.15744:AI055859
 R-NT2RM4001412
 R-NT2RM4001414//ESTs//6.5e-35:226:88//Hs.121727:AA775895
 R-NT2RM4001437//EST//0.017:169:67//Hs.13207:F10054
 R-NT2RM4001444//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [S.cerevisiae] //7.4e-108:544:94//Hs.7558:AA526812
 R-NT2RM4001454//ESTs//4.7e-108:517:98//Hs.32295:N32277
 R-NT2RM4001455//EST//9.6e-81:395:97//Hs.127978:AA969739
 R-NT2RM4001483//Human mRNA for KIAA0033 gene, partial cds//1.8e-58:324:85//Hs.22271:D26067
 R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//7.0e-104:547:93//Hs.153121:AB014585
 R-NT2RM4001519//Histatin 1//0.53:340:59//Hs.119101:M26664
 R-NT2RM4001522//Small inducible cytokine A5 (RANTES)//8.4e-55:306:80//Hs.155464:AF088219
 R-NT2RM4001557//ESTs, Weakly similar to F11A10.4 [C.elegans] //6.1e-21:165:83//Hs.29134:H43072
 R-NT2RM4001565//ESTs//2.0e-103:483:99//Hs.121273:AA758027
 R-NT2RM4001566//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//2.7e-43:446:72//Hs.4943:Z

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R-NT2RM4001569//ESTs//3.6e-37:186:100//Hs.86959:AA888009
 R-NT2RM4001582//ESTs//1.2e-96:459:98//Hs.114432:N52946
 R-NT2RM4001592
 R-NT2RM4001594//ESTs//1.6e-83:404:98//Hs.134740:AA282171
 R-NT2RM4001597//ESTs//6.9e-111:558:96//Hs.11408:AI358871
 R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//2.
 1e-112:565:95//Hs.23255:AB018334
 R-NT2RM4001611//EST//5.9e-74:353:99//Hs.125318:AA837079
 R-NT2RM4001629//ESTs//6.1e-95:453:99//Hs.115765:AA485957
 R-NT2RM4001650
 R-NT2RM4001662
 R-NT2RM4001666//Homo sapiens mRNA for KIAA0469 protein, complete cds//3.
 6e-36:230:70//Hs.7764:AB007938
 R-NT2RM4001682//EST//4.3e-68:393:90//Hs.157362:AI367496
 R-NT2RM4001710//ESTs//4.3e-48:235:99//Hs.7299:AA203440
 R-NT2RM4001714//ESTs//0.0014:568:58//Hs.50458:AA868686
 R-NT2RM4001715//ESTs//6.5e-104:487:99//Hs.153581:AA630465
 R-NT2RM4001731//ESTs, Weakly similar to No definition line found [C.eleg
 ans]//3.1e-108:563:94//Hs.18510:AA522887
 R-NT2RM4001741//T3 receptor-associating cofactor-1 [human, fetal liver,
 mRNA, 2930 nt]//0.083:124:68//Hs.120980:S83390
 R-NT2RM4001746//ESTs//6.1e-90:420:100//Hs.139003:AA948200
 R-NT2RM4001754//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//
 5.4e-59:504:78//Hs.139107:K00629
 R-NT2RM4001758//ESTs//8.9e-27:140:100//Hs.149973:AI290740
 R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//6.4
 e-24:236:80//Hs.39871:AB018270
 R-NT2RM4001783//ESTs//9.9e-30:156:99//Hs.115260:AA314956

R-NT2RM4001810//ESTs//1.3e-65:346:95//Hs.131915:W22567
 R-NT2RM4001813//ESTs//5.7e-102:473:100//Hs.87574:AI089920
 R-NT2RM4001823//ESTs//3.8e-62:324:95//Hs.124109:AA888839
 R-NT2RM4001828//ESTs//1.3e-119:563:98//Hs.102397:AA706551
 R-NT2RM4001836//ESTs//5.5e-16:92:100//Hs.26996:AA551070
 R-NT2RM4001841//ESTs//1.3e-99:540:94//Hs.42322:AA082619
 R-NT2RM4001842//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING EN
 TRY !!!! [H.sapiens]//4.1e-10:274:62//Hs.161959:AA493652
 R-NT2RM4001856//ESTs, Weakly similar to contains similarity to ATP/GTP-b
 inding site motif [C.elegans]//3.0e-43:292:86//Hs.14202:N46000
 R-NT2RM4001858//ESTs//6.2e-104:495:98//Hs.118686:AA682280
 R-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC//1.
 6e-120:592:97//Hs.61628:Y17711
 R-NT2RM4001876//ESTs//2.9e-98:532:92//Hs.100734:AA158252
 R-NT2RM4001880//ESTs//2.5e-29:224:86//Hs.6193:AA045149
 R-NT2RM4001905//ESTs//5.6e-109:565:95//Hs.9536:AA114178
 R-NT2RM4001922//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//1.2e-105:535:95//Hs.30991:AA994438
 R-NT2RM4001930//ESTs//4.1e-84:425:96//Hs.80042:N63143
 R-NT2RM4001938//EST//0.00040:241:60//Hs.147235:AI205893
 R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//2.0e-1
 10:556:95//Hs.118631:AF098162
 R-NT2RM4001953//ESTs//5.3e-65:338:96//Hs.33718:AA453268
 R-NT2RM4001965//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]
 //5.7e-62:326:95//Hs.3385:N25917
 R-NT2RM4001969//ESTs, Weakly similar to IP63 protein [R.norvegicus]//1.9
 e-21:121:98//Hs.8772:AA521097
 R-NT2RM4001979//ESTs//1.4e-96:465:98//Hs.157103:W60265
 R-NT2RM4001984

R-NT2RM4001987
 R-NT2RM4002013//EST//2.2e-14:110:90//Hs.160835:AI345528
 R-NT2RM4002018
 R-NT2RM4002034//Human mRNA for KIAA0118 gene, partial cds//9.4e-46:293:8
 7//Hs.154326:D42087
 R-NT2RM4002044//ESTs//2.8e-107:537:96//Hs.24078:W44435
 R-NT2RM4002054//ESTs//3.7e-88:482:94//Hs.4243:T78226
 R-NT2RM4002062//ESTs//1.4e-55:377:85//Hs.152592:AA587887
 R-NT2RM4002063//Calcium modulating ligand//1.8e-43:385:78//Hs.13572:AF06
 8179
 R-NT2RM4002066//Homo sapiens OPA-containing protein mRNA, complete cds//
 5.5e-42:554:68//Hs.85313:AF071309
 R-NT2RM4002067//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//
 2.3e-43:468:73//Hs.139107:K00629
 R-NT2RM4002073//ESTs, Weakly similar to very-long-chain acyl-CoA synthet
 ase [H.sapiens] //6.8e-57:290:96//Hs.109274:AA193416
 R-NT2RM4002075//ESTs//0.078:267:61//Hs.163563:AA641655
 R-NT2RM4002093//ESTs//1.2e-64:316:99//Hs.34956:AI052528
 R-NT2RM4002109//ESTs//1.0:95:69//Hs.25897:W65409
 R-NT2RM4002128//Homo sapiens mRNA for BCL9 gene//0.51:258:60//Hs.122607:
 Y13620
 R-NT2RM4002140//ESTs//5.5e-46:187:94//Hs.8737:W22712
 R-NT2RM4002145//ESTs//4.6e-70:374:94//Hs.141082:H18987
 R-NT2RM4002146//ESTs//1.9e-93:439:99//Hs.119295:AA442090
 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.5e-111
 :560:96//Hs.22464:AF084535
 R-NT2RM4002174//Homo sapiens LIM protein mRNA, complete cds//3.2e-46:552
 :72//Hs.154103:AF061258
 R-NT2RM4002189//ESTs//9.6e-75:352:100//Hs.98350:H15400

R-NT2RM4002194//EST//0.22:68:72//Hs.149104:AI244343
 R-NT2RM4002205//EST//0.00028:103:72//Hs.130032:AA897678
 R-NT2RM4002213//ESTs//3.3e-15:160:78//Hs.63304:W22079
 R-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUN
 D [*Drosophila melanogaster*]//5.1e-112:569:95//Hs.23900:U82984
 R-NT2RM4002251//ESTs, Weakly similar to similar to alpha-1,3-mannosyl-gl
 ycoprotein beta-1, 2-N-acetylglucosaminyltransferase [*C.elegans*]//1.1e-1
 00:544:93//Hs.27567:W72190
 R-NT2RM4002256//Small inducible cytokine A5 (RANTES)//1.0e-44:341:81//Hs
 .155464:AF088219
 R-NT2RM4002266//ESTs//2.6e-100:539:93//Hs.57976:AA535864
 R-NT2RM4002278//ESTs//1.8e-112:569:95//Hs.87281:AA128263
 R-NT2RM4002281//ESTs//4.9e-20:187:80//Hs.141203:H52638
 R-NT2RM4002287//ESTs//7.9e-84:388:94//Hs.33977:N52461
 R-NT2RM4002294
 R-NT2RM4002301//ESTs//4.5e-111:556:96//Hs.85916:AA194164
 R-NT2RM4002323//ESTs//4.5e-102:498:97//Hs.85782:AA191498
 R-NT2RM4002339//ESTs//5.0e-59:283:100//Hs.125048:AA682913
 R-NT2RM4002344//V-akt murine thymoma viral oncogene homolog 2//0.29:153:
 66//Hs.155129:M77198
 R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//2.
 8e-122:593:97//Hs.26163:AB014549
 R-NT2RM4002374//ESTs//3.3e-40:505:70//Hs.95115:AA206594
 R-NT2RM4002383//ESTs//2.7e-93:455:97//Hs.134278:AA648884
 R-NT2RM4002390//ESTs//3.3e-93:481:95//Hs.48764:AA613328
 R-NT2RM4002409//ESTs, Weakly similar to coded for by *C. elegans* cDNA yk5
 2e10.5 [*C.elegans*]//1.3e-97:473:98//Hs.16464:W19606
 R-NT2RM4002438//ESTs//0.74:162:61//Hs.65377:AA994677
 R-NT2RM4002446

R-NT2RM4002452//EST//1.0:164:60//Hs.116619:AA668142
R-NT2RM4002457
R-NT2RM4002460//ESTs//3.0e-74:385:96//Hs.6933:R07890
R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete
cds//1.6e-103:507:97//Hs.8765:AF083255
R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//2.
3e-32:172:98//Hs.94781:AB014591
R-NT2RM4002493//ESTs//6.4e-73:366:97//Hs.157114:T58884
R-NT2RM4002499//ESTs//3.5e-61:307:97//Hs.117737:AI088029
R-NT2RM4002504//ESTs//2.1e-55:306:94//Hs.10949:AA464464
R-NT2RM4002527//ESTs, Weakly similar to peroxisome targeting signal 2 re
ceptor [H.sapiens] //1.4e-73:360:91//Hs.31030:H50467
R-NT2RM4002532//ESTs//1.3e-21:191:78//Hs.146811:AA410788
R-NT2RM4002534//ESTs//1.8e-99:512:95//Hs.13526:AI417057
R-NT2RM4002567//ESTs//7.6e-41:272:87//Hs.7114:R24312
R-NT2RM4002571//ESTs, Highly similar to POLYPEPTIDE N-ACETYLGALACTOSAMI
NYLTRANSFERASE [Bos taurus] //2.3e-89:435:97//Hs.15830:AA165698
R-NT2RM4002593//ESTs//2.3e-109:552:96//Hs.17424:AA190569
R-NT2RM4002623//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermu
s aquaticus thermophilus] //9.6e-28:194:87//Hs.59346:AI126802
R-NT2RP2000001//ESTs//2.6e-80:386:99//Hs.105061:N45096
R-NT2RP2000006//Thromboxane A2 receptor//7.2e-37:253:84//Hs.89887:D38081
R-NT2RP2000008//Zinc finger protein 37a (K0X 21)//5.2e-25:366:67//Hs.544
88:X69115
R-NT2RP2000027//ESTs//9.5e-74:377:96//Hs.96557:AA286713
R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.7
e-42:223:96//Hs.8309:AB018290
R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homol
og (TID1) mRNA, complete cds//4.3e-64:309:98//Hs.6216:AF061749

R-NT2RP2000054//EST//1.2e-71:375:96//Hs.98835:AA435798
R-NT2RP2000056//EST//2.8e-28:342:69//Hs.135526:AI094910
R-NT2RP2000067//ESTs, Weakly similar to tenascin-like protein [D.melanogaster] //2.3e-35:199:94//Hs.41793:AA775879
R-NT2RP2000070//ESTs, Weakly similar to proto-cadherin 3 [R.norvegicus] /1.4e-78:383:98//Hs.58254:W72881
R-NT2RP2000076//EST//0.0014:227:63//Hs.136761:AA738097
R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//1.1e-78:379:97//Hs.54877:AF050078
R-NT2RP2000079//Homo sapiens RET finger protein-like 1 antisense transcript, partial//2.9e-21:232:75//Hs.102576:AJ010230
R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.8e-75:378:96//Hs.22926:AB018338
R-NT2RP2000091//Carcinoembryonic antigen gene family member 6//0.030:236:63//Hs.41:D90064
R-NT2RP2000097//ESTs//4.2e-15:92:97//Hs.7432:AA281757
R-NT2RP2000098//ESTs//9.0e-53:279:94//Hs.87807:AA813827
R-NT2RP2000108//EST//1.5e-75:378:96//Hs.162105:AA524419
R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//5.8e-76:386:95//Hs.17706:AB018356
R-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [C.elegans] //1.9e-19:153:86//Hs.5268:W22670
R-NT2RP2000126//ESTs//1.0e-55:293:95//Hs.14570:AI422099
R-NT2RP2000133//ESTs//0.24:354:59//Hs.157564:AI356513
R-NT2RP2000147//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus] //3.0e-89:457:95//Hs.3832:AI208601
R-NT2RP2000153//EST//0.0039:93:68//Hs.140386:AA773548
R-NT2RP2000157//ESTs//1.1e-53:322:91//Hs.6877:AA040820
R-NT2RP2000161//ESTs//1.6e-99:492:97//Hs.21738:AI188190

R-NT2RP2000175//ESTs//1.4e-98:489:96//Hs.4849:AI143741
R-NT2RP2000183//ESTs//9.0e-72:358:96//Hs.4856:N51373
R-NT2RP2000195//ESTs//3.9e-92:439:98//Hs.145091:AA814510
R-NT2RP2000205//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//1.4e-80:415:95//Hs.11807:T86897
R-NT2RP2000224//RNA polymerase II, polypeptide C (33kD)//1.1e-57:306:94/
/Hs.79402:AC004382
R-NT2RP2000232
R-NT2RP2000233//ESTs//1.1e-08:63:96//Hs.124861:AI090683
R-NT2RP2000239//ESTs//5.3e-87:427:96//Hs.86211:AA604379
R-NT2RP2000248//ESTs, Weakly similar to O-linked GlcNAc transferase [H.s
apiens]//1.3e-95:454:99//Hs.102057:AA649005
R-NT2RP2000257//ESTs//5.1e-58:282:99//Hs.122565:AI126840
R-NT2RP2000258//EST//1.0:67:68//Hs.61812:AA035649
R-NT2RP2000270//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOM
OLOG [Homo sapiens]//8.4e-59:298:96//Hs.16085:AI261382
R-NT2RP2000274//ESTs//7.5e-61:296:98//Hs.86081:AA196635
R-NT2RP2000288//ESTs//1.8e-56:305:93//Hs.7579:AA775865
R-NT2RP2000289
R-NT2RP2000297//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//9.
8e-106:494:99//Hs.102951:AA574249
R-NT2RP2000298//ESTs//2.1e-62:256:90//Hs.8737:W22712
R-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA
, complete cds//2.8e-39:222:93//Hs.58218:U82381
R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434014 on chromosome
1q32.3.-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehyd
rogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF
6 gene for Interferon Regulatory Factor 6 and two unknown genes. Contain
s ESTs and GSSs//2.9e-71:342:98//Hs.87684:AL022398

R-NT2RP2000329//ESTs, Highly similar to GTP:AMP PHOSPHOTRANSFERASE MITO
CHONDRIAL [Bos taurus]//3.4e-69:371:94//Hs.43436:N32441

R-NT2RP2000337//ESTs//5.2e-79:411:95//Hs.101799:AI276062

R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA,
complete cds//1.1e-47:262:94//Hs.76556:U83981

R-NT2RP2000369//ESTs//4.3e-102:531:94//Hs.15855:H98103

R-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//8.4e-09
:93:83//Hs.808:L28010

R-NT2RP2000420//ESTs//8.2e-24:142:94//Hs.144893:AI222324

R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA,
complete cds//4.2e-20:140:90//Hs.5819:AF102265

R-NT2RP2000438//ESTs, Weakly similar to misato [D.melanogaster]//1.3e-65
:362:93//Hs.22197:AI151425

R-NT2RP2000448//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN
PAP1-MRPL13 INTERGENIC REGION [Saccharomyces cerevisiae]//3.6e-75:435:9
2//Hs.21938:W81045

R-NT2RP2000459//ESTs//2.8e-95:527:93//Hs.103422:AI352013

R-NT2RP2000498//ESTs//2.3e-17:119:79//Hs.161714:AA229078

R-NT2RP2000503//ESTs//5.2e-91:438:98//Hs.152335:AI290215

R-NT2RP2000510//Homo sapiens KIAA0436 mRNA, partial cds//0.13:455:58//Hs
.110:AB007896

R-NT2RP2000516//ESTs//9.9e-63:376:89//Hs.47546:AA181348

R-NT2RP2000523

R-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.5
e-30:167:97//Hs.14409:AB011144

R-NT2RP2000617//ESTs//9.5e-103:493:98//Hs.9412:W72446

R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//8.1
e-66:335:96//Hs.7314:AB014514

R-NT2RP2000644//ESTs//1.1e-18:372:63//Hs.82419:AA789222

R-NT2RP2000656//ESTs//1.0e-10:128:80//Hs.23977:AA115275
 R-NT2RP2000658//ESTs//0.31:278:59//Hs.15661:W02396
 R-NT2RP2000668//ESTs//8.2e-40:255:88//Hs.113310:R16767
 R-NT2RP2000678//ESTs//2.6e-53:271:96//Hs.23790:N99347
 R-NT2RP2000710//ESTs//0.49:190:63//Hs.145521:AI261368
 R-NT2RP2000715//EST//1.2e-87:418:99//Hs.139425:AA429279
 R-NT2RP2000731//EST//5.3e-65:322:97//Hs.136754:AA713965
 R-NT2RP2000758//ESTs//1.0:187:61//Hs.10545:N62642
 R-NT2RP2000764//ESTs//5.8e-84:485:91//Hs.121816:AA775419
 R-NT2RP2000809
 R-NT2RP2000812//ESTs//1.2e-45:231:97//Hs.121028:AA902745
 R-NT2RP2000814//ESTs//6.3e-87:433:97//Hs.145479:AA969404
 R-NT2RP2000816//ESTs//0.45:100:69//Hs.147529:AA458918
 R-NT2RP2000819
 R-NT2RP2000841//ESTs//1.9e-73:351:99//Hs.116385:AI224511
 R-NT2RP2000842//TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6 PRECURSOR/
 /4.6e-10:247:66//Hs.29352:M31165
 R-NT2RP2000845//ESTs//2.8e-91:443:97//Hs.66810:AI206552
 R-NT2RP2000863//ESTs//4.3e-49:310:88//Hs.104336:W07345
 R-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//2.
 8e-43:277:89//Hs.3615:AB018284
 R-NT2RP2000892//ESTs//2.8e-50:258:96//Hs.119238:AA476267
 R-NT2RP2000931//MATRIN 3//7.2e-57:290:96//Hs.78825:AB018266
 R-NT2RP2000938//ESTs, Highly similar to HYPOTHETICAL 6.3 KD PROTEIN ZK6
 52.2 IN CHROMOSOME III [Caenorhabditis elegans]//3.9e-37:199:95//Hs.1123
 18:AA186477
 R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//9.
 8e-98:494:96//Hs.19822:AB018298
 R-NT2RP2000965//EST//0.22:223:60//Hs.105703:AA487021

R-NT2RP2000970//EST//8.7e-06:255:62//Hs.149202:AI246481
 R-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN
 SIS2-MTD1 INTERGENIC REGION [S.cerevisiae]//7.8e-92:468:95//Hs.12124:AA5
 22537
 R-NT2RP2000987//ESTs//4.5e-78:419:93//Hs.21968:H97521
 R-NT2RP2001036//EST//2.0e-33:148:82//Hs.163196:AA767643
 R-NT2RP2001044//ESTs//5.6e-95:493:95//Hs.21958:AA453660
 R-NT2RP2001065//ESTs//3.6e-28:153:96//Hs.119314:AA432108
 R-NT2RP2001070//EST//0.30:94:67//Hs.94289:N73665
 R-NT2RP2001094//EST//0.75:101:69//Hs.161040:H82068
 R-NT2RP2001119
 R-NT2RP2001127//Homo sapiens mRNA for HRIHFB2060, partial cds//1.5e-56:3
 04:94//Hs.146282:AB015348
 R-NT2RP2001137
 R-NT2RP2001149//ESTs//5.1e-66:324:97//Hs.27475:AA704512
 R-NT2RP2001168//ESTs//2.0e-98:539:92//Hs.77870:AI188145
 R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//1.
 5e-96:490:96//Hs.26247:AB007949
 R-NT2RP2001174//ESTs//2.2e-63:354:93//Hs.24266:R28287
 R-NT2RP2001196//ESTs//1.4e-83:463:93//Hs.124304:AA825510
 R-NT2RP2001218//ESTs//1.4e-100:506:96//Hs.93391:AI188402
 R-NT2RP2001226//EST//0.0074:154:63//Hs.128612:AA909358
 R-NT2RP2001233//ESTs, Highly similar to ZINC FINGER PROTEIN ZFP-36 [Hom
 o sapiens]//3.7e-65:538:80//Hs.44014:AA632298
 R-NT2RP2001245//ESTs//5.2e-90:447:97//Hs.14559:H92996
 R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//1.5
 e-112:544:97//Hs.7531:AB018353
 R-NT2RP2001277//ESTs//2.0e-81:387:99//Hs.13751:AA908229
 R-NT2RP2001290//ESTs//2.4e-91:501:92//Hs.12600:AA044775

R-NT2RP2001295//ESTs//1.4e-70:337:99//Hs.123854:AA412665
R-NT2RP2001312//ESTs//4.6e-53:276:95//Hs.7961:AA401205
R-NT2RP2001327//ESTs, Moderately similar to tumor necrosis factor-alpha-induced protein B12 [H.sapiens] //2.3e-43:238:93//Hs.106632:N25679
R-NT2RP2001328//ESTs//5.1e-99:499:96//Hs.34868:AI341138
R-NT2RP2001347//ESTs//6.7e-05:100:77//Hs.9536:AA114178
R-NT2RP2001378//ESTs//4.2e-83:456:93//Hs.10554:N50028
R-NT2RP2001381//ESTs//1.1e-26:148:96//Hs.161859:AA444038
R-NT2RP2001392//ESTs, Weakly similar to MITOCHONDRIAL LON PROTEASE HOMOLOG PRECURSOR [H.sapiens] //3.9e-74:411:93//Hs.47305:AA195153
R-NT2RP2001394//ESTs//9.5e-54:305:93//Hs.70256:R07875
R-NT2RP2001397//ESTs, Highly similar to G2/MITOTIC-SPECIFIC CYCLIN B2 [Mesocricetus auratus] //5.2e-97:469:97//Hs.20483:AA522505
R-NT2RP2001420//ESTs//1.6e-49:228:88//Hs.163602:N32030
R-NT2RP2001423//ESTs//2.0e-37:190:99//Hs.101565:R35431
R-NT2RP2001427//EST//1.7e-11:107:84//Hs.148584:AI201728
R-NT2RP2001436//ESTs, Weakly similar to F02D8.3 [C.elegans] //2.9e-114:55:8:97//Hs.7627:AI341556
R-NT2RP2001440//EST//0.17:192:58//Hs.133442:AI061394
R-NT2RP2001445//ESTs//1.1e-43:215:100//Hs.145497:AA501453
R-NT2RP2001449//ESTs//4.1e-08:234:61//Hs.134067:AI076765
R-NT2RP2001450//ESTs//9.5e-65:356:94//Hs.61829:AI079539
R-NT2RP2001467//Small inducible cytokine A5 (RANTES)//1.2e-34:255:83//Hs.155464:AF088219
R-NT2RP2001506//ESTs//2.9e-23:170:88//Hs.7147:T23513
R-NT2RP2001511//ESTs//2.0e-08:59:100//Hs.57660:AA251146
R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARAL AR1//6.7e-106:545:95//Hs.4277:Y14494
R-NT2RP2001526//ESTs//3.7e-23:295:72//Hs.8514:AF039240

R-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//1.9e-15:99:95//Hs.99742:AF035586

R-NT2RP2001560//ESTs//2.2e-58:310:94//Hs.87454:AA732816

R-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA 0488//2.0e-76:387:96//Hs.67619:AB007957

R-NT2RP2001576//Human mRNA for KIAA0105 gene, complete cds//0.17:193:60//Hs.119:D14661

R-NT2RP2001581//ESTs//5.1e-08:107:78//Hs.157114:T58884

R-NT2RP2001597//EST//5.2e-22:151:88//Hs.158613:AI369995

R-NT2RP2001601//ESTs//1.5e-78:373:99//Hs.137558:AI393767

R-NT2RP2001613

R-NT2RP2001628//EST//0.99:195:60//Hs.144238:W52294

R-NT2RP2001663//ESTs//4.0e-37:282:84//Hs.12319:W56090

R-NT2RP2001677//ESTs//1.4e-44:232:96//Hs.159387:AI370845

R-NT2RP2001678//ESTs//0.91:124:60//Hs.10593:AI201336

R-NT2RP2001699//EST//0.0033:230:61//Hs.146544:AI125323

R-NT2RP2001720//ESTs//1.8e-52:255:99//Hs.101064:AA290579

R-NT2RP2001721//ESTs//7.0e-101:479:99//Hs.129750:AA987538

R-NT2RP2001740//ESTs//3.3e-76:379:96//Hs.144704:AI147100

R-NT2RP2001748//ESTs//1.4e-44:352:81//Hs.142259:AA828840

R-NT2RP2001762//Homo sapiens exonuclease 1a (EXO1a) mRNA, complete cds//2.1e-105:519:96//Hs.47504:AF091754

R-NT2RP2001813//ESTs//6.3e-78:406:95//Hs.21902:R44037

R-NT2RP2001861

R-NT2RP2001869//EST//2.8e-21:173:82//Hs.130321:AI002941

R-NT2RP2001876//ESTs//6.1e-102:526:95//Hs.4944:AA533088

R-NT2RP2001883//ESTs, Weakly similar to No definition line found [C.elegans]//6.9e-110:556:95//Hs.23159:AA113849

R-NT2RP2001900//ESTs//6.9e-85:442:95//Hs.154220:AA171724

R-NT2RP2001907//ESTs//2.1e-82:432:94//Hs.142257:AA188423
 R-NT2RP2001926//EST//2.3e-24:299:71//Hs.135085:AI097268
 R-NT2RP2001936//ESTs//1.1e-45:265:92//Hs.112482:T66087
 R-NT2RP2001943//EST//1.4e-05:246:61//Hs.144096:AI032180
 R-NT2RP2001946//ESTs//3.6e-87:410:99//Hs.20242:W72594
 R-NT2RP2001947//ESTs//1.9e-55:338:88//Hs.58582:T72588
 R-NT2RP2001969
 R-NT2RP2001976//ESTs//1.2e-98:499:95//Hs.121028:AA902745
 R-NT2RP2001985//ESTs, Weakly similar to GTPASE-ACTIVATING PROTEIN SPA-1
 [M.musculus]//8.3e-15:118:89//Hs.18760:AA166678
 R-NT2RP2002025//ESTs//2.1e-82:393:98//Hs.159488:AI378233
 R-NT2RP2002032//ESTs//4.4e-98:531:91//Hs.93836:AA813332
 R-NT2RP2002033//ESTs//3.5e-43:229:96//Hs.30563:AA102627
 R-NT2RP2002041
 R-NT2RP2002046//ESTs//1.6e-101:476:99//Hs.101107:AA825938
 R-NT2RP2002047//ESTs//9.1e-85:431:95//Hs.116750:AA629895
 R-NT2RP2002058//ESTs//1.3e-31:163:99//Hs.33085:AA258068
 R-NT2RP2002066//ESTs//1.9e-87:459:93//Hs.118871:AA846091
 R-NT2RP2002070//ESTs//4.1e-63:332:96//Hs.156446:T92265
 R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//1.7e-26:178:87//
 Hs.11039:AF052183
 R-NT2RP2002079//ESTs//1.2e-79:389:97//Hs.135214:AI350524
 R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//1.5e
 -60:376:89//Hs.155218:AJ007509
 R-NT2RP2002105//ESTs//8.4e-54:313:90//Hs.98702:AI123000
 R-NT2RP2002124//ESTs//6.6e-81:431:93//Hs.127326:AA525134
 R-NT2RP2002137//Deoxycytidine kinase//0.29:183:62//Hs.709:M60527
 R-NT2RP2002154//ESTs//9.6e-97:539:91//Hs.18624:AA523268
 R-NT2RP2002172//EST//0.69:53:75//Hs.156238:AI334495

R-NT2RP2002185//ESTs, Weakly similar to F15C11.2 [C.elegans] //1.4e-54:26
9:98//Hs.107201:W52859

R-NT2RP2002192//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens] //3.9e-15:245:71//Hs.87578:AI125363

R-NT2RP2002193//ESTs//3.5e-79:453:90//Hs.76578:AI290672

R-NT2RP2002208//ESTs//2.0e-72:347:99//Hs.164028:AI003946

R-NT2RP2002219//EST//0.039:229:63//Hs.149830:AI287499

R-NT2RP2002231//ESTs//3.3e-64:337:94//Hs.79828:AA642341

R-NT2RP2002252//ESTs, Highly similar to co-repressor protein [M.musculus
] //5.4e-48:238:99//Hs.22583:AA188168

R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cd
s//1.6e-15:131:83//Hs.150595:AF005418

R-NT2RP2002259//Human L-myc protein gene, complete cds//5.3e-99:548:91//
Hs.92137:M19720

R-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens] //4.8e-1
00:550:91//Hs.4029:Z78373

R-NT2RP2002292//ESTs, Weakly similar to F13B12.1 [C.elegans] //3.2e-92:48
2:93//Hs.5570:AI377863

R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA,
partial cds//4.1e-103:527:94//Hs.24812:AF069532

R-NT2RP2002316//ESTs//4.2e-91:425:100//Hs.3350:AI368015

R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA
, complete cds//1.2e-112:567:95//Hs.31034:AB015594

R-NT2RP2002333//ESTs//1.9e-86:483:91//Hs.155198:AA767372

R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant m
RNA, complete cds//1.2e-103:600:89//Hs.109051:AF038958

R-NT2RP2002394//ESTs//0.11:158:65//Hs.28792:AI343467

R-NT2RP2002408//ESTs//1.5e-51:278:93//Hs.6044:W22815

R-NT2RP2002426//Homo sapiens mRNA for KIAA0563 protein, complete cds//1.

7e-33:285:80//Hs.15731:AB011135
 R-NT2RP2002439//ESTs//3.2e-12:134:76//Hs.32246:AA464020
 R-NT2RP2002457//ESTs//4.7e-52:282:94//Hs.21968:H97521
 R-NT2RP2002464//ESTs//5.3e-27:148:98//Hs.115660:AI362230
 R-NT2RP2002475//ESTs//3.9e-85:439:94//Hs.9873:W27233
 R-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//9.9e-115:605:92//Hs.125856:AB005289
 R-NT2RP2002498//ESTs//6.3e-37:227:93//Hs.108779:N73180
 R-NT2RP2002503//ESTs//1.9e-54:358:86//Hs.57800:W60838
 R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//8.5e-107:583:91//Hs.23255:AB018334
 R-NT2RP2002520//ESTs//4.2e-99:509:94//Hs.32368:AA205305
 R-NT2RP2002537//ESTs//4.2e-105:552:93//Hs.154363:AA533090
 R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA//2.6e-109:570:93//Hs.49476:AF009314
 R-NT2RP2002549//DNA polymerase gamma//1.1e-35:189:86//Hs.80961:U60325
 R-NT2RP2002591//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.5e-118:564:97//Hs.94549:AA149547
 R-NT2RP2002595//EST//1.4e-15:101:95//Hs.129528:AA994783
 R-NT2RP2002606//ESTs//4.5e-99:475:98//Hs.45046:N40170
 R-NT2RP2002609//ESTs//1.9e-104:568:92//Hs.9175:AI184220
 R-NT2RP2002618//ESTs//0.014:493:57//Hs.96322:AA541615
 R-NT2RP2002621//EST//4.4e-36:252:84//Hs.149580:AI281881
 R-NT2RP2002643//ESTs//6.9e-32:247:74//Hs.33354:AA179944
 R-NT2RP2002672
 R-NT2RP2002701//N-acetylglucosaminidase, alpha- (Sanfilippo disease IIIB) //0.99:184:63//Hs.50727:U43572
 R-NT2RP2002706//EST//2.8e-41:148:86//Hs.161917:AA483223
 R-NT2RP2002710//EST//0.34:105:71//Hs.136747:AA749210

R-NT2RP2002727//ESTs//8.7e-68:368:94//Hs.14366:T78626
 R-NT2RP2002736//ESTs//9.7e-98:457:99//Hs.74899:AA993300
 R-NT2RP2002740//Homo sapiens mRNA for KIAA0536 protein, partial cds//0.6
 6:360:59//Hs.119139:AB011108
 R-NT2RP2002741//ESTs//3.1e-102:489:98//Hs.112024:AI042352
 R-NT2RP2002750//EST//3.6e-43:166:86//Hs.162404:AA573131
 R-NT2RP2002752//ESTs//5.0e-56:355:89//Hs.95867:M62042
 R-NT2RP2002753//ESTs//1.7e-49:262:96//Hs.49005:W89124
 R-NT2RP2002769//ESTs//1.3e-59:376:88//Hs.4046:H03587
 R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence//4.0e-65:341:94//
 Hs.17481:AF070537
 R-NT2RP2002800//ESTs//6.5e-08:79:84//Hs.153262:AA551124
 R-NT2RP2002839//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
 ENTRY !!!! [H.sapiens]//1.6e-100:501:97//Hs.136202:AA206578
 R-NT2RP2002857//ESTs//4.3e-94:463:97//Hs.134292:AA603031
 R-NT2RP2002862//ESTs//2.3e-42:302:82//Hs.117969:H94870
 R-NT2RP2002880
 R-NT2RP2002891
 R-NT2RP2002925//ESTs//1.3e-103:564:92//Hs.142079:AA182894
 R-NT2RP2002928//ESTs//3.9e-108:502:99//Hs.29105:AA574143
 R-NT2RP2002929//ESTs//4.1e-106:499:99//Hs.44743:AA837096
 R-NT2RP2002954//ESTs//2.6e-88:417:99//Hs.100824:AI308771
 R-NT2RP2002959//ESTs//7.5e-101:489:97//Hs.32690:N57480
 R-NT2RP2002979//ESTs//5.4e-06:197:65//Hs.146726:AI147060
 R-NT2RP2002980//ESTs//1.0e-110:562:96//Hs.28444:AA083213
 R-NT2RP2002986//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila
 melanogaster]//3.1e-119:578:97//Hs.106290:AI125291
 R-NT2RP2002987//Human mRNA for KIAA0331 gene, complete cds//1.0:78:74//H
 s.146395:AB002329

R-NT2RP2002993//ESTs, Weakly similar to DNA-DIRECTED RNA POLYMERASE II 1
40 KD POLYPEPTIDE [H.sapiens] //2.4e-98:467:98//Hs.86337:AA149311

R-NT2RP2003000//ESTs//0.0070:400:61//Hs.138506:U85642

R-NT2RP2003034//ESTs//9.3e-87:408:96//Hs.164042:H12594

R-NT2RP2003073//Human transporter protein (g17) mRNA, complete cds//0.95
:259:61//Hs.76460:U49082

R-NT2RP2003099//Thromboxane A2 receptor//2.6e-42:328:81//Hs.89887:D38081

R-NT2RP2003108//ESTs//2.3e-82:398:98//Hs.5105:AA115512

R-NT2RP2003117//Human mRNA for KIAA0347 gene, complete cds//2.4e-49:336:
86//Hs.101996:AB002345

R-NT2RP2003121//ESTs//2.0e-75:380:96//Hs.133127:AA133355

R-NT2RP2003125

R-NT2RP2003129//EST//0.68:115:69//Hs.122196:AA780986

R-NT2RP2003137//ESTs//2.1e-37:259:85//Hs.63169:N78506

R-NT2RP2003161//ESTs//2.5e-88:451:96//Hs.29041:W37379

R-NT2RP2003164//ESTs//4.3e-113:543:97//Hs.8980:AA629067

R-NT2RP2003165//ESTs//6.9e-83:486:89//Hs.138632:H97952

R-NT2RP2003177//ESTs//0.47:38:100//Hs.61790:AA421156

R-NT2RP2003194//ESTs//4.7e-118:582:96//Hs.27266:AA053816

R-NT2RP2003206//ESTs//0.032:388:58//Hs.122148:AA442074

R-NT2RP2003230//ESTs//8.8e-103:478:99//Hs.40140:AI079253

R-NT2RP2003237//ESTs//2.7e-76:392:96//Hs.106278:R37661

R-NT2RP2003243//ESTs//3.6e-53:300:92//Hs.118793:AA192438

R-NT2RP2003265//ESTs, Highly similar to protein NGD5 [M.musculus] //3.3e-
110:557:96//Hs.24994:AA236937

R-NT2RP2003272//ESTs, Weakly similar to F15C11.2 [C.elegans] //1.2e-34:22
8:89//Hs.107201:W52859

R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//1.4
e-111:565:95//Hs.154919:AB014525

R-NT2RP2003280//ESTs//2.6e-101:541:94//Hs.6982:AA622427
R-NT2RP2003286//ESTs//1.2e-104:497:98//Hs.113052:AI222106
R-NT2RP2003293//Human mRNA for KIAA0118 gene, partial cds//9.1e-44:458:74//Hs.154326:D42087
R-NT2RP2003295//Protein serine/threonine kinase stk2//0.31:321:57//Hs.1087:L20321
R-NT2RP2003297//ESTs//3.0e-15:118:87//Hs.16621:AA098874
R-NT2RP2003308//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila melanogaster]//4.8e-109:553:96//Hs.26089:AA195126
R-NT2RP2003329//ESTs//0.99:208:62//Hs.143607:AI424948
R-NT2RP2003339//ESTs//1.3e-85:441:96//Hs.24115:N32618
R-NT2RP2003347//ESTs//1.5e-70:365:96//Hs.155773:AI312825
R-NT2RP2003367//EST//5.8e-80:376:100//Hs.112500:AA599014
R-NT2RP2003391//ESTs//2.8e-98:484:97//Hs.5842:AA534476
R-NT2RP2003393//ESTs//2.0e-96:510:93//Hs.75844:AA115502
R-NT2RP2003394//EST//5.2e-06:264:63//Hs.144234:W52249
R-NT2RP2003401//ESTs//6.1e-25:161:90//Hs.155360:AA984683
R-NT2RP2003433//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.2e-106:508:98//Hs.131840:AI016073
R-NT2RP2003445//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.6e-21:161:70//Hs.43153:N22360
R-NT2RP2003446//ESTs, Weakly similar to C27H6.4 [C.elegans]//6.0e-105:529:96//Hs.8055:W60903
R-NT2RP2003456//ESTs//7.5e-96:449:99//Hs.25362:AI277332
R-NT2RP2003480//ESTs//1.6e-116:583:96//Hs.59757:AA176121
R-NT2RP2003499//ESTs, Weakly similar to elastin like protein [D.melanogaster]//7.0e-71:365:95//Hs.101056:R52777
R-NT2RP2003506//ESTs, Weakly similar to ORF YPL207w [S.cerevisiae]//2.3e-115:577:96//Hs.16277:N36831

R-NT2RP2003511//ESTs//1.6e-22:182:85//Hs.28249:AA203733
R-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds//1.3e-108:566:
94//Hs.78482:Y16270
R-NT2RP2003517//Platelet-derived growth factor beta polypeptide (simian
sarcoma viral (v-sis) oncogene homolog)//4.9e-62:518:79//Hs.1976:M12783
R-NT2RP2003522//ESTs//2.0e-97:462:99//Hs.24512:D60170
R-NT2RP2003533//ESTs//4.4e-45:273:78//Hs.140225:AA704101
R-NT2RP2003543//EST//1.0:80:68//Hs.65646:F13684
R-NT2RP2003559//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//1.8e-58:316:94//Hs.28891:W72439
R-NT2RP2003564//ESTs//3.2e-112:528:99//Hs.53940:N46696
R-NT2RP2003581//ESTs//1.3e-88:506:93//Hs.16157:AA203719
R-NT2RP2003596//ESTs, Weakly similar to No definition line found [C.eleg
ans]//4.7e-101:495:98//Hs.34627:AA126463
R-NT2RP2003604//Homo sapiens alpha-catenin related protein (ACRP) mRNA,
complete cds//1.7e-103:501:97//Hs.58488:U97067
R-NT2RP2003629//EST//0.032:440:59//Hs.135297:AI038981
R-NT2RP2003643//ESTs, Weakly similar to HYPOTHETICAL 14.1 KD PROTEIN IN
MURZ-RPON INTERGENIC REGION [E.coli]//9.1e-62:359:92//Hs.12492:AA203188
R-NT2RP2003668//EST//9.4e-110:535:97//Hs.116279:AA628951
R-NT2RP2003687//EST//5.9e-05:196:65//Hs.139064:AA135523
R-NT2RP2003691//ESTs, Weakly similar to F59C6.9 [C.elegans]//1.0:202:62/
/Hs.65539:AI148540
R-NT2RP2003702//ESTs, Moderately similar to ovarian-specific protein [R.
norvegicus]//4.3e-99:492:96//Hs.93332:AA811920
R-NT2RP2003704//ESTs//1.0:155:63//Hs.104166:AA740246
R-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds//8.4
e-47:265:93//Hs.78494:AB011097
R-NT2RP2003713//EST//0.81:210:59//Hs.14551:T79401

R-NT2RP2003714//ESTs//1.7e-99:495:96//Hs.158101:AI365003
R-NT2RP2003727//Human 19.8 kDa protein mRNA, complete cds//0.84:221:60//
Hs.2384:U18914
R-NT2RP2003737//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2
-17 KD [Caenorhabditis elegans] //2.4e-50:302:90//Hs.19196:W74577
R-NT2RP2003751
R-NT2RP2003760//ESTs//2.6e-101:548:93//Hs.115987:AA483808
R-NT2RP2003764//ESTs//8.2e-25:134:98//Hs.64036:AA127709
R-NT2RP2003769//ESTs//1.7e-108:545:95//Hs.56847:AA541606
R-NT2RP2003770//Homo sapiens sperm acrosomal protein mRNA, complete cds/
/6.0e-106:531:96//Hs.90436:AF047437
R-NT2RP2003777//ESTs//2.6e-59:323:94//Hs.10101:AI381811
R-NT2RP2003781//ESTs//2.0e-25:269:75//Hs.144951:N34836
R-NT2RP2003793//ESTs//8.7e-94:466:97//Hs.93949:AA782955
R-NT2RP2003840//ESTs//3.4e-97:533:93//Hs.16130:AA195077
R-NT2RP2003857//H.sapiens mRNA for G9a//2.8e-23:351:65//Hs.75196:X69838
R-NT2RP2003859//ESTs//3.0e-07:96:81//Hs.153262:AA551124
R-NT2RP2003871//ESTs//1.9e-102:509:97//Hs.25726:AA430167
R-NT2RP2003885//ESTs//1.0e-102:502:97//Hs.36353:AA702341
R-NT2RP2003912//EST//1.2e-38:336:76//Hs.134975:AI094611
R-NT2RP2003952//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complet
e cds//0.90:190:60//Hs.75875:U49278
R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease,
complete cds//7.6e-116:568:97//Hs.35086:AB014458
R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//3.
6e-109:540:97//Hs.7302:AB007916
R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//2.5
e-115:568:96//Hs.7316:AB018347
R-NT2RP2003984

R-NT2RP2003986//ESTs//4.9e-36:272:82//Hs.158268:AA738087
 R-NT2RP2003988//ESTs, Weakly similar to reverse transcriptase [H.sapiens
]//3.2e-110:519:99//Hs.36093:AI149968
 R-NT2RP2004014//ESTs//8.4e-102:483:99//Hs.22867:AI417478
 R-NT2RP2004041
 R-NT2RP2004042//ESTs//1.5e-105:466:97//Hs.7296:N29706
 R-NT2RP2004066//ESTs//1.4e-110:559:96//Hs.71916:AA219699
 R-NT2RP2004081//ESTs//3.7e-105:503:98//Hs.27542:AA977204
 R-NT2RP2004098//EST//7.3e-26:203:87//Hs.21897:R41461
 R-NT2RP2004124//ESTs//1.1e-83:435:95//Hs.43299:N23036
 R-NT2RP2004142//EST//1.3e-06:165:65//Hs.146742:AI147500
 R-NT2RP2004152//ESTs//7.0e-98:455:100//Hs.17731:AI342241
 R-NT2RP2004165//ESTs, Highly similar to DYNEIN BETA CHAIN, CILIARY [Ant
 hocidaris crassispina]//1.0e-118:583:97//Hs.16520:AI224533
 R-NT2RP2004170//ESTs//6.7e-66:407:88//Hs.157138:AI348544
 R-NT2RP2004172//ESTs//1.5e-109:567:95//Hs.159091:AA033974
 R-NT2RP2004187//ESTs//3.6e-92:488:93//Hs.22954:W26589
 R-NT2RP2004194//ESTs//6.2e-114:585:95//Hs.18778:AA203167
 R-NT2RP2004196
 R-NT2RP2004207//ESTs//6.3e-102:488:98//Hs.22678:AA604756
 R-NT2RP2004226//ESTs//8.8e-18:252:71//Hs.11924:W26972
 R-NT2RP2004232//ESTs, Highly similar to protein kinase C mu [H.sapiens]/
 /5.2e-105:499:98//Hs.143460:AA483305
 R-NT2RP2004239//ESTs//1.2e-16:171:80//Hs.16134:AA203116
 R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cd
 s//3.4e-103:530:93//Hs.54900:AF039687
 R-NT2RP2004242//ESTs//1.3e-85:460:93//Hs.104535:AA211483
 R-NT2RP2004245//ESTs//6.4e-117:575:97//Hs.23744:AA035744
 R-NT2RP2004270//ESTs//1.0:95:69//Hs.141371:H92187

R-NT2RP2004300//ESTs//4.4e-80:379:99//Hs.130874:AA905056
 R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete c
 ds//4.7e-110:544:96//Hs.61152:AF000416
 R-NT2RP2004321//ESTs//2.1e-18:104:99//Hs.107207:AA044788
 R-NT2RP2004339//EST//1.4e-47:309:86//Hs.161917:AA483223
 R-NT2RP2004347
 R-NT2RP2004364//ESTs//1.1e-113:566:96//Hs.25880:AI268173
 R-NT2RP2004365//ESTs//0.022:271:62//Hs.38897:AI129310
 R-NT2RP2004366//ESTs//9.5e-71:335:100//Hs.91867:AI218624
 R-NT2RP2004373//ESTs//4.2e-25:172:87//Hs.83243:N32192
 R-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN FO
 9G8.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.4e-11:108:82//Hs.304
 90:AA146916
 R-NT2RP2004392//ESTs//3.4e-81:427:94//Hs.5827:AA581646
 R-NT2RP2004396//EST//5.6e-06:100:77//Hs.138623:H92473
 R-NT2RP2004399//EST//0.98:337:59//Hs.118446:N67900
 R-NT2RP2004400//ESTs//2.1e-90:422:100//Hs.152460:AA602921
 R-NT2RP2004412//ESTs//1.4e-105:503:98//Hs.15929:AA403121
 R-NT2RP2004425//EST//0.00017:225:60//Hs.146935:AI168124
 R-NT2RP2004476//ESTs//1.4e-88:477:94//Hs.4859:N29695
 R-NT2RP2004490//Homo sapiens 3-phosphoinositide dependent protein kinase
 -1 (PDK1) mRNA, complete cds//8.6e-34:143:98//Hs.154729:AF017995
 R-NT2RP2004512//ESTs//2.6e-91:426:100//Hs.94133:AI270700
 R-NT2RP2004523//ESTs//1.6e-74:377:97//Hs.14217:R61320
 R-NT2RP2004538//Thromboxane A2 receptor//1.4e-45:279:89//Hs.89887:D38081
 R-NT2RP2004551//ESTs//0.47:147:66//Hs.131519:AI024347
 R-NT2RP2004568//ESTs//1.3e-107:567:94//Hs.65234:AA195470
 R-NT2RP2004580//ESTs//5.9e-29:156:98//Hs.147801:AI221661
 R-NT2RP2004587//ESTs//1.0e-102:495:97//Hs.91662:AA781126

R-NT2RP2004594//ESTs//4.1e-56:298:95//Hs.24641:AA954666
 R-NT2RP2004600//ESTs//4.8e-67:374:93//Hs.49762:N69862
 R-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//4.5e-07:149:76//Hs.12845:N28835
 R-NT2RP2004614//ESTs//1.0e-111:557:96//Hs.37892:N53497
 R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//2.4e-118:587
 :96//Hs.5198:AJ006291
 R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.9
 e-107:520:96//Hs.29956:AB007929
 R-NT2RP2004675//ESTs//2.7e-82:407:97//Hs.116113:F18930
 R-NT2RP2004681//NUCLEOLIN//0.34:387:58//Hs.79110:M60858
 R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//5.0
 e-120:600:96//Hs.154919:AB014525
 R-NT2RP2004709//ESTs//1.1e-106:511:98//Hs.38034:AI149793
 R-NT2RP2004710//ESTs//9.9e-87:477:93//Hs.6834:AA203433
 R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//1.
 3e-118:594:96//Hs.4236:AB007947
 R-NT2RP2004743//ESTs//2.1e-48:327:88//Hs.43635:AA447015
 R-NT2RP2004767//EST//4.0e-57:328:81//Hs.142796:N51423
 R-NT2RP2004775//ESTs//9.4e-60:326:94//Hs.115339:AA136774
 R-NT2RP2004791//ESTs//3.2e-82:367:96//Hs.141911:N64013
 R-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta s
 ubunit (SCS) mRNA, partial cds//8.0e-116:564:96//Hs.40820:AF058953
 R-NT2RP2004802//ESTs//6.5e-111:586:94//Hs.90375:W74579
 R-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//8.7e-
 120:584:97//Hs.67052:AF054179
 R-NT2RP2004841//EST//3.8e-31:323:74//Hs.147714:AI219906
 R-NT2RP2004861//EST//0.92:147:63//Hs.23064:R20803
 R-NT2RP2004897//ESTs//1.7e-46:390:80//Hs.139225:H96567

R-NT2RP2004936//EST//0.97:176:63//Hs.137436:AA280529
 R-NT2RP2004959//ESTs//0.059:137:64//Hs.144109:AI345543
 R-NT2RP2004961//ESTs//1.8e-87:409:100//Hs.138297:AA781941
 R-NT2RP2004962//ESTs//0.0021:292:59//Hs.145917:AI275458
 R-NT2RP2004967//Human mRNA for KIAA0118 gene, partial cds//7.4e-51:506:7
 5//Hs.154326:D42087
 R-NT2RP2004978//ESTs//0.95:138:63//Hs.13619:W93496
 R-NT2RP2004982//ESTs//7.8e-95:468:97//Hs.22545:R43910
 R-NT2RP2004985
 R-NT2RP2004999//ESTs//2.9e-94:450:98//Hs.128766:AI419902
 R-NT2RP2005000
 R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//9.
 6e-113:577:95//Hs.155972:AB014515
 R-NT2RP2005003//EST//1.3e-75:387:96//Hs.140843:R42235
 R-NT2RP2005012//Homo sapiens SEC63 (SEC63) mRNA, complete cds//3.1e-116:
 568:97//Hs.31575:AF100141
 R-NT2RP2005018//ESTs//7.5e-46:280:90//Hs.126857:AA932161
 R-NT2RP2005020//ESTs//1.6e-105:554:94//Hs.14846:AA148507
 R-NT2RP2005031//EST//3.1e-79:379:99//Hs.139709:AA227887
 R-NT2RP2005037//ESTs//5.3e-102:551:93//Hs.26516:AA195220
 R-NT2RP2005038//ESTs//5.8e-101:566:92//Hs.46964:N49757
 R-NT2RP2005108
 R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//2.7
 e-105:518:97//Hs.22616:AB014564
 R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box
 protein)//4.6e-69:464:85//Hs.100555:X98743
 R-NT2RP2005139//ESTs//1.0e-108:545:95//Hs.21006:AA523383
 R-NT2RP2005140//ESTs//4.3e-90:422:99//Hs.62180:AI341261
 R-NT2RP2005144//ESTs//0.91:162:62//Hs.52399:AI075744

R-NT2RP2005147//ESTs//4.6e-100:502:96//Hs.27931:AA633438
R-NT2RP2005159//ESTs//7.5e-105:533:95//Hs.109819:AI357582
R-NT2RP2005162//ESTs//6.6e-83:419:96//Hs.113998:H50648
R-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein//2.4e-101:513:95//Hs.155218:AJ007509
R-NT2RP2005204//ESTs, Weakly similar to UBIQUITIN-ACTIVATING ENZYME E1: H OMOLOG [H.sapiens]//1.9e-115:577:96//Hs.7600:H98166
R-NT2RP2005227//Homo sapiens LIM protein mRNA, complete cds//1.0e-45:359:82//Hs.154103:AF061258
R-NT2RP2005239//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Sacc haromyces cerevisiae]//1.0e-47:245:97//Hs.21090:AA418587
R-NT2RP2005254//ESTs//3.3e-111:581:94//Hs.22549:AA524503
R-NT2RP2005270//ESTs, Highly similar to HYPOTHETICAL 67.6 KD PROTEIN ZK 637.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.1e-79:412:95//Hs.23047:N66596
R-NT2RP2005276//ESTs//4.6e-85:426:96//Hs.24550:AA316272
R-NT2RP2005287//ESTs//1.7e-109:565:94//Hs.61976:AI279001
R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.4e-125:594:98//Hs.27007:AF060219
R-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//4.9e-112:545:96//Hs.44766:AJ007590
R-NT2RP2005293//ESTs//5.1e-116:538:99//Hs.62180:AI341261
R-NT2RP2005315//ESTs//1.4e-82:415:97//Hs.155829:AA018338
R-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds//2.5e-45:272:91//Hs.1569:U11701
R-NT2RP2005336//ESTs//1.9e-93:444:99//Hs.110966:AA151699
R-NT2RP2005344//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//0.011:463:58//Hs.150926:AF017445
R-NT2RP2005354//ESTs//7.2e-22:148:91//Hs.153783:H14544

R-NT2RP2005360//ESTs//0.048:225:60//Hs.7602:AA099247
R-NT2RP2005393//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.9
e-41:248:82//Hs.93121:AB018304
R-NT2RP2005407//ESTs, Weakly similar to OSH1 PROTEIN [Saccharomyces cere
visiae]//2.5e-75:461:88//Hs.70849:AA121697
R-NT2RP2005436//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B04
95.8 IN CHROMOSOME II [C.elegans]//8.1e-96:491:95//Hs.7194:AI185631
R-NT2RP2005441//ESTs//1.1e-110:548:96//Hs.5209:AA780068
R-NT2RP2005453//ESTs//0.94:352:58//Hs.25870:H14423
R-NT2RP2005457//ESTs//2.1e-46:236:97//Hs.19522:AA975096
R-NT2RP2005464//ESTs//1.8e-72:349:99//Hs.44045:N51307
R-NT2RP2005465//ESTs//0.0058:322:58//Hs.127009:AI378936
R-NT2RP2005472//ESTs//0.47:309:60//Hs.144838:AI222019
R-NT2RP2005476//ESTs//5.1e-40:205:98//Hs.101577:AI168526
R-NT2RP2005490//ESTs//1.3e-70:364:96//Hs.134382:AA083573
R-NT2RP2005491//EST//0.012:220:60//Hs.144448:AA812455
R-NT2RP2005495//ESTs//1.2e-86:501:91//Hs.99445:R93540
R-NT2RP2005496//ESTs//3.2e-34:263:81//Hs.70279:AA757426
R-NT2RP2005498//ESTs, Highly similar to PROTEIN PHOSPHATASE PP2A, 55 KD
REGULATORY SUBUNIT, NEURONAL ISOFORM [Oryctolagus cuniculus]//2.3e-45:2
84:88//Hs.85752:AI138993
R-NT2RP2005501//ESTs//2.5e-84:404:98//Hs.143812:AI141755
R-NT2RP2005509//ESTs, Highly similar to HYPOTHETICAL 37.2 KD PROTEIN C1
2C2.09C IN CHROMOSOME I [Schizosaccharomyces pombe]//8.2e-36:215:92//Hs.
5298:AA725071
R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mR
NA, complete cds//3.2e-110:570:94//Hs.119023:AF092563
R-NT2RP2005525//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING EN
TRY !!!! [H.sapiens]//1.3e-84:433:95//Hs.36942:AA524535

R-NT2RP2005531//EST//0.98:64:70//Hs.146573:AI139856
R-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.8e-108:560:94//Hs.159597:AJ012449
R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.7e-115:583:96//Hs.62515:AB007963
R-NT2RP2005549//EST//0.61:111:62//Hs.147482:AI215572
R-NT2RP2005555//ESTs//6.6e-108:507:99//Hs.68613:AI357567
R-NT2RP2005557//ESTs//3.1e-105:495:99//Hs.105985:AA885169
R-NT2RP2005581//ESTs//1.7e-79:445:92//Hs.138152:H03240
R-NT2RP2005600//ESTs//1.3e-38:192:100//Hs.48329:W92733
R-NT2RP2005605//ESTs//7.6e-87:409:99//Hs.45005:AA975060
R-NT2RP2005620//ESTs//2.9e-96:463:97//Hs.7407:AI376788
R-NT2RP2005622//ESTs//1.8e-104:497:98//Hs.22595:AA394229
R-NT2RP2005637//EST//2.5e-20:163:71//Hs.161164:AI418211
R-NT2RP2005640//ESTs//5.0e-99:473:98//Hs.23467:AA708740
R-NT2RP2005645//ESTs//9.5e-23:231:77//Hs.5534:AA195173
R-NT2RP2005651//ESTs, Highly similar to XFIN PROTEIN [Xenopus laevis]//2.9e-103:525:96//Hs.70589:AA868470
R-NT2RP2005654//Insulin-like growth factor binding protein 2//0.94:223:60//Hs.162:X16302
R-NT2RP2005669//Homo sapiens nitrilase 1 (NIT1) mRNA, complete cds//2.7e-14:87:100//Hs.146406:AF069987
R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//5.8e-91:434:98//Hs.25664:AF089814
R-NT2RP2005683//ESTs//1.5e-98:494:96//Hs.22595:AA394229
R-NT2RP2005690//ESTs//4.8e-43:286:86//Hs.150727:AI292236
R-NT2RP2005694//EST//3.1e-82:386:100//Hs.149391:AI273643
R-NT2RP2005701//ESTs, Highly similar to BUTYROPHILIN PRECURSOR [Bos taurus]//2.8e-68:376:93//Hs.9095:AA532630

R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//1.3e-105:503:98//Hs.61638:AB018342

R-NT2RP2005719//ESTs, Weakly similar to GPI-anchored protein p137 precursor [H.sapiens] //5.4e-105:500:98//Hs.14298:AI417523

R-NT2RP2005722//EST//6.5e-76:395:94//Hs.142150:AA223982

R-NT2RP2005723//ESTs//1.5e-84:452:93//Hs.91753:R44455

R-NT2RP2005726//ESTs//3.5e-64:500:82//Hs.100526:AI223153

R-NT2RP2005741//ESTs//4.7e-60:333:93//Hs.107242:R40258

R-NT2RP2005748//ESTs//3.4e-102:498:97//Hs.82660:N78064

R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//4.3e-42:223:96//Hs.159651:AF068868

R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//1.2e-104:494:98//Hs.26285:AF082516

R-NT2RP2005763//ESTs//1.1e-97:456:99//Hs.65412:AI362163

R-NT2RP2005767//ESTs//8.0e-38:204:96//Hs.18460:AA193463

R-NT2RP2005773//ESTs, Highly similar to PYRROLINE-5-CARBOXYLATE REDUCTASE [Homo sapiens] //5.4e-112:559:96//Hs.14214:AI189379

R-NT2RP2005775//ESTs, Highly similar to NEUROLYSIN PRECURSOR [Sus scrofa] //3.0e-108:544:96//Hs.22151:AI214321

R-NT2RP2005781//ESTs//1.7e-43:217:99//Hs.144391:AA365664

R-NT2RP2005784//EST//0.0071:217:60//Hs.117332:AA699724

R-NT2RP2005804//ESTs//8.8e-107:512:98//Hs.15496:W44398

R-NT2RP2005812//ESTs//9.0e-76:359:99//Hs.113937:AI298746

R-NT2RP2005815//ESTs//5.5e-76:363:99//Hs.136230:AA594981

R-NT2RP2005835//ESTs//1.5e-100:541:94//Hs.86813:N25122

R-NT2RP2005841//ESTs//2.8e-105:556:92//Hs.69993:AA628403

R-NT2RP2005853//EST//2.0e-13:219:70//Hs.134016:AI076062

R-NT2RP2005857//ESTs//1.0e-115:576:96//Hs.30663:AI338462

R-NT2RP2005859//ESTs//7.3e-116:571:97//Hs.85986:AA195105

R-NT2RP2005868//EST//0.00023:320:61//Hs.149689:AI284133
 R-NT2RP2005890//ESTs//1.0e-96:466:98//Hs.122579:AA766315
 R-NT2RP2005901//ESTs//8.3e-116:548:98//Hs.66296:AI125268
 R-NT2RP2005908//ESTs, Weakly similar to weakly similar to gastrula zinc
 finger protein [C.elegans]//2.4e-73:397:94//Hs.16667:T92427
 R-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//
 2.8e-114:560:97//Hs.9082:AA873170
 R-NT2RP2005942//ESTs//5.6e-117:582:96//Hs.146123:AI338419
 R-NT2RP2005980//ESTs//6.9e-101:478:98//Hs.43145:AA776988
 R-NT2RP2006023//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.5e-51:39
 8:80//Hs.113283:AF018080
 R-NT2RP2006038//ESTs//0.025:284:59//Hs.97852:AA404347
 R-NT2RP2006043//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B04
 95.8 IN CHROMOSOME II [C.elegans]//1.2e-50:278:94//Hs.7194:AI185631
 R-NT2RP2006052//ESTs//5.0e-52:272:95//Hs.99545:AA461492
 R-NT2RP2006069//ESTs//1.8e-90:495:93//Hs.43654:AA522714
 R-NT2RP2006071//ESTs//1.5e-38:218:94//Hs.107882:W72093
 R-NT2RP2006098//ESTs//2.9e-105:540:95//Hs.26860:N56918
 R-NT2RP2006100//Human organic anion transporting polypeptide (OATP) mRNA
 , complete cds//0.031:254:62//Hs.46440:U21943
 R-NT2RP2006103//ESTs//1.5e-86:416:98//Hs.152114:AA401365
 R-NT2RP2006141//ESTs//5.3e-88:432:98//Hs.77480:AA100522
 R-NT2RP2006166//Homo sapiens LIM protein mRNA, complete cds//2.8e-17:255
 :72//Hs.154103:AF061258
 R-NT2RP2006184//ESTs//8.4e-101:487:98//Hs.58009:W69435
 R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//6.1
 e-110:553:95//Hs.109299:AB014554
 R-NT2RP2006196//Human clone 23960 mRNA sequence//0.0037:48:100//Hs.15129
 3:U79276

R-NT2RP2006200//ESTs//6.5e-77:398:96//Hs.163953:R01398
 R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//1.2e-94:532:90//Hs.153
 910:X96484
 R-NT2RP2006237//ESTs//1.2e-57:305:95//Hs.86149:AI341312
 R-NT2RP2006238//ESTs, Highly similar to ra8 [R.norvegicus]//1.5e-29:183:
 91//Hs.4048:AA404253
 R-NT2RP2006258//ESTs//3.2e-87:462:94//Hs.141556:N49928
 R-NT2RP2006261//ESTs//3.4e-57:326:92//Hs.22523:W02999
 R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//4.7e-96:4
 81:97//Hs.3404:AF035262
 R-NT2RP2006320//EST//3.4e-21:335:65//Hs.141603:N66015
 R-NT2RP2006321//ESTs, Moderately similar to karyopherin beta 3 [H.sapien
 s]//1.9e-89:460:96//Hs.21889:N78664
 R-NT2RP2006323//ESTs//3.5e-91:439:98//Hs.61697:AI081771
 R-NT2RP2006333//ESTs//4.9e-38:301:82//Hs.155999:AA196412
 R-NT2RP2006334//EST//3.1e-45:264:91//Hs.149599:AI282321
 R-NT2RP2006365//ESTs//2.9e-81:417:95//Hs.11814:W44411
 R-NT2RP2006393//Cytochrome P450, subfamily I (aromatic compound-inducibl
 e), polypeptide 2//3.9e-48:403:77//Hs.1361:M55053
 R-NT2RP2006436//Homo sapiens mRNA for small GTP-binding protein, complet
 e cds//1.4e-27:155:76//Hs.115325:D84488
 R-NT2RP2006441//ESTs//6.0e-108:529:97//Hs.101282:N45092
 R-NT2RP2006454//ESTs//9.2e-20:110:99//Hs.144687:AI341146
 R-NT2RP2006456//ESTs//7.1e-91:508:92//Hs.12488:W63595
 R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein//2.1e-109:524:97//Hs
 .72160:AJ006266
 R-NT2RP2006467//EST//0.99:140:61//Hs.146958:AI174478
 R-NT2RP2006472//ESTs//3.3e-92:473:95//Hs.29216:AA916679
 R-NT2RP2006534//ESTs//1.2e-83:394:99//Hs.162116:AA524947

R-NT2RP2006554//ESTs//1.0e-87:460:95//Hs.47095:AA181474
 R-NT2RP2006565//ESTs//3.2e-24:129:100//Hs.13499:AI299886
 R-NT2RP2006571//ESTs//2.6e-56:306:94//Hs.98370:AA316622
 R-NT2RP2006573//ESTs//2.0e-112:533:98//Hs.18685:AI393829
 R-NT2RP2006598//ESTs, Weakly similar to retinoid X receptor interacting
 protein [M.musculus]//4.1e-109:542:97//Hs.7889:AI337112
 R-NT2RP3000002//ESTs//1.3e-08:399:59//Hs.126044:AI301598
 R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-116:560:97//Hs.6764:AJ011972
 R-NT2RP3000046//Small inducible cytokine A5 (RANTES)//1.9e-57:312:85//Hs.155464:AF088219
 R-NT2RP3000047//EST//0.91:130:66//Hs.140208:AA702213
 R-NT2RP3000050//ESTs, Weakly similar to putative p150 [H.sapiens]//3.1e-41:249:90//Hs.156155:AI222202
 R-NT2RP3000055//EST//2.4e-19:146:86//Hs.160497:AI255095
 R-NT2RP3000072//ESTs//2.2e-82:424:96//Hs.21542:N49574
 R-NT2RP3000080//ESTs//2.1e-29:186:89//Hs.153372:AA424029
 R-NT2RP3000085//ESTs//4.5e-101:482:98//Hs.47649:AA838715
 R-NT2RP3000109//ESTs//9.5e-97:455:99//Hs.17731:AI342241
 R-NT2RP3000134//EST//4.7e-106:497:99//Hs.125531:AA884000
 R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.2e-116:578:96//Hs.13273:AB011164
 R-NT2RP3000149//ESTs//7.7e-62:361:90//Hs.6649:N93418
 R-NT2RP3000186
 R-NT2RP3000197//ESTs//1.5e-75:436:91//Hs.140931:R51882
 R-NT2RP3000207//ESTs//1.3e-98:468:98//Hs.126908:AA933091
 R-NT2RP3000220//ESTs//2.2e-27:144:99//Hs.106861:R61306
 R-NT2RP3000233//EST//7.8e-77:368:99//Hs.49075:N64817
 R-NT2RP3000235//ESTs//0.43:82:74//Hs.132828:AI032819

R-NT2RP3000247//EST//2.2e-97:459:99//Hs.127928:AA969239
 R-NT2RP3000251
 R-NT2RP3000252//ESTs, Weakly similar to Lpg15p [S.cerevisiae] //2.0e-108:
 532:97//Hs.111086:AI379177
 R-NT2RP3000255//EST//0.67:93:67//Hs.120579:AA743073
 R-NT2RP3000267//ESTs//8.5e-108:542:95//Hs.24984:AA534446
 R-NT2RP3000299//ESTs, Weakly similar to enhancer of filamentation 1 [H.sa
 piens] //3.6e-103:516:96//Hs.4894:AI191323
 R-NT2RP3000312//ESTs//1.3e-100:493:97//Hs.29379:AI094117
 R-NT2RP3000320//ESTs//3.2e-95:538:91//Hs.118793:AA192438
 R-NT2RP3000324
 R-NT2RP3000333//ESTs//6.0e-39:194:100//Hs.119238:AA476267
 R-NT2RP3000341//ESTs//0.51:251:61//Hs.94090:AA777689
 R-NT2RP3000348//EST//1.8e-80:389:98//Hs.145944:AI276225
 R-NT2RP3000350//ESTs, Weakly similar to Lpg15p [S.cerevisiae] //3.1e-110:
 556:96//Hs.111086:AI379177
 R-NT2RP3000359//EST//4.9e-61:340:92//Hs.126495:AA913741
 R-NT2RP3000361//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR PRP6 [S
 .cerevisiae] //4.8e-91:439:97//Hs.31334:AI144423
 R-NT2RP3000366//EST//0.20:392:57//Hs.149652:AI283303
 R-NT2RP3000397//EST//8.7e-26:150:94//Hs.124617:AA855106
 R-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cd
 s//4.2e-111:529:98//Hs.28307:AF071185
 R-NT2RP3000418//EST//3.3e-09:202:67//Hs.117189:AA682947
 R-NT2RP3000433
 R-NT2RP3000439//ESTs//3.1e-79:426:92//Hs.26548:W26340
 R-NT2RP3000441//ESTs//6.3e-84:420:97//Hs.137482:AA421254
 R-NT2RP3000449//ESTs//4.9e-93:435:99//Hs.54617:AI379102
 R-NT2RP3000451//ESTs//2.3e-89:439:97//Hs.9196:AA748492

R-NT2RP3000456//Homo Sapiens (clone B3B3E13) chromosome 4p16.3 DNA fragment//1.8e-23:347:70//Hs.114963:L34408

R-NT2RP3000484//Heparin cofactor II//0.98:166:62//Hs.1478:M58600

R-NT2RP3000487//ESTs//0.012:384:60//Hs.88684:AA885141

R-NT2RP3000512//Homeo box B3//2.0e-69:377:93//Hs.49931:X16667

R-NT2RP3000526//ESTs//1.6e-91:432:99//Hs.38042:AA187151

R-NT2RP3000527//ESTs//1.2e-100:518:94//Hs.104557:AI078161

R-NT2RP3000531//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.95:85:71//Hs.5184:AA709151

R-NT2RP3000542//ESTs//2.6e-53:375:84//Hs.44158:N30180

R-NT2RP3000561//EST//1.1e-13:170:75//Hs.148421:AI198036

R-NT2RP3000562//Human mRNA for KIAA0233 gene, complete cds//0.97:141:68//Hs.79077:D87071

R-NT2RP3000578//ESTs//2.6e-68:324:100//Hs.5445:AA779447

R-NT2RP3000582//ESTs//2.1e-25:131:80//Hs.152465:AA563785

R-NT2RP3000584//ESTs//1.8e-97:460:99//Hs.120698:AI241511

R-NT2RP3000590//ESTs//2.0e-97:453:100//Hs.105355:AA953817

R-NT2RP3000592//ESTs//2.8e-91:432:99//Hs.144304:AI190916

R-NT2RP3000596//Human mRNA for KIAA0314 gene, partial cds//1.5e-09:447:58//Hs.155045:AB002312

R-NT2RP3000599//ESTs//3.8e-93:437:99//Hs.23971:AA829880

R-NT2RP3000605//ESTs//4.2e-111:554:96//Hs.40780:AA422049

R-NT2RP3000622//ESTs//2.0e-100:473:99//Hs.11387:AI127394

R-NT2RP3000624//ESTs, Weakly similar to KIAA0256 [H.sapiens]//5.4e-115:545:98//Hs.4857:AI090739

R-NT2RP3000628//Homo sapiens mRNA for KIAA0772 protein, complete cds//4.3e-49:397:80//Hs.15519:AB018315

R-NT2RP3000632//ESTs, Moderately similar to cyclin-selective ubiquitin carrier protein [H.sapiens]//6.3e-92:434:99//Hs.152517:AA719022

R-NT2RP3000644//ESTs//1.0e-44:306:84//Hs.155498:W27084
 R-NT2RP3000661//ESTs//3.1e-95:470:97//Hs.126069:W76185
 R-NT2RP3000665//ESTs//3.3e-95:503:94//Hs.34313:W81185
 R-NT2RP3000685//ESTs//2.7e-99:515:94//Hs.9711:R60873
 R-NT2RP3000690//ESTs//3.3e-88:414:99//Hs.146589:AI085578
 R-NT2RP3000736
 R-NT2RP3000742//ESTs, Highly similar to 1-PHOSPHATIDYLINOSITOL-4,5-BISP
 HOSPHATE PHOSPHODIESTERASE DELTA 1 [Rattus norvegicus]//1.8e-07:114:75//
 Hs.136065:W21960
 R-NT2RP3000753//ESTs//3.1e-99:461:100//Hs.150901:AI310447
 R-NT2RP3000759//ESTs//2.0e-74:384:95//Hs.104222:AA207243
 R-NT2RP3000815//ESTs//8.5e-97:455:99//Hs.158897:AI378583
 R-NT2RP3000825//EST//0.0089:343:59//Hs.42897:N20810
 R-NT2RP3000826//EST//3.4e-33:342:74//Hs.162236:AA551582
 R-NT2RP3000836//ESTs//6.8e-24:181:84//Hs.134464:AI151081
 R-NT2RP3000841//ESTs//4.5e-93:491:93//Hs.23618:H98082
 R-NT2RP3000845//ESTs//2.4e-88:473:93//Hs.8312:AA813022
 R-NT2RP3000847//ESTs//9.3e-89:460:95//Hs.154106:AI051657
 R-NT2RP3000850
 R-NT2RP3000852//Fibrillin 2//0.55:237:63//Hs.79432:U03272
 R-NT2RP3000859//ESTs//1.4e-96:509:94//Hs.7187:AA576895
 R-NT2RP3000865//EST//4.8e-23:461:66//Hs.162088:AA505741
 R-NT2RP3000868//ESTs//5.4e-78:430:93//Hs.102796:N70837
 R-NT2RP3000869//ESTs//8.5e-77:397:94//Hs.84484:AI014673
 R-NT2RP3000875//Mevalonate kinase//3.8e-78:531:84//Hs.75138:M88468
 R-NT2RP3000901//ESTs//2.1e-95:466:97//Hs.10647:AA428217
 R-NT2RP3000904//ESTs//1.6e-79:380:99//Hs.100850:AA479385
 R-NT2RP3000917//ESTs, Highly similar to mouse Dhml protein [M.musculus]/
 /9.5e-113:566:96//Hs.5900:AA035728

R-NT2RP3000919

R-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//1.5e-25:375:71//Hs.2953:X844
07

R-NT2RP3000980//ESTs//3.3e-72:364:96//Hs.9536:AA114178

R-NT2RP3000994//ESTs//3.5e-111:537:97//Hs.21146:AA683542

R-NT2RP3001004//ESTs//9.6e-91:456:96//Hs.58974:W87405

R-NT2RP3001007//ESTs//6.7e-99:482:97//Hs.117737:AI088029

R-NT2RP3001055//ESTs//0.0012:294:60//Hs.66479:AA863044

R-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN HF.12 [Homo
sapiens] //5.6e-102:486:99//Hs.145956:AA007349

R-NT2RP3001081//Retinal pigment epithelium-specific protein (65kD)//0.00
12:447:58//Hs.2133:U18991

R-NT2RP3001084//ESTs//4.3e-102:528:96//Hs.25277:W87874

R-NT2RP3001096//ESTs//1.1e-110:540:96//Hs.42824:AA873182

R-NT2RP3001107//ESTs//7.6e-100:478:98//Hs.99669:AA287832

R-NT2RP3001109//DNA polymerase gamma//0.0014:50:100//Hs.80961:U60325

R-NT2RP3001111//ESTs, Weakly similar to Trf-proximal protein [D.melanoga
ster] //3.2e-104:543:95//Hs.93796:C06063

R-NT2RP3001113//ESTs//3.3e-100:467:99//Hs.97757:AA401575

R-NT2RP3001115//Oxytocin receptor//7.9e-30:505:67//Hs.2820:X64878

R-NT2RP3001116//ESTs//4.6e-41:229:96//Hs.58412:W74779

R-NT2RP3001119//ESTs//6.9e-88:478:92//Hs.19469:AA203180

R-NT2RP3001120//ESTs//3.1e-82:430:93//Hs.110956:AI190166

R-NT2RP3001126//ESTs//4.4e-52:264:96//Hs.25264:R78188

R-NT2RP3001133//ESTs//4.7e-105:541:94//Hs.73239:AA573761

R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//2.6
e-115:549:97//Hs.5378:AB018305

R-NT2RP3001147//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUN
D [Drosophila melanogaster] //9.6e-113:552:97//Hs.23900:U82984

R-NT2RP3001150//ESTs//2.9e-90:444:97//Hs.99601:AA760717
 R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//9.4e-118:563:98//Hs.
 .72160:AJ006266
 R-NT2RP3001176//ESTs//1.8e-110:534:98//Hs.58650:AI074460
 R-NT2RP3001214//ESTs//1.7e-109:545:96//Hs.24481:AA573139
 R-NT2RP3001216//EST//0.00098:128:66//Hs.160493:AI254963
 R-NT2RP3001221//EST//0.010:106:66//Hs.147774:AI221196
 R-NT2RP3001232//ESTs//1.5e-101:518:94//Hs.21630:AA778399
 R-NT2RP3001236//ESTs, Highly similar to KIAA0377 [H.sapiens]//2.8e-89:46
 2:95//Hs.116793:AA779588
 R-NT2RP3001239//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus
]//5.2e-82:466:91//Hs.66048:AA524416
 R-NT2RP3001245//EST//0.53:237:62//Hs.161131:AI417631
 R-NT2RP3001253//ESTs//1.7e-105:535:96//Hs.42315:AI222997
 R-NT2RP3001260//EST//0.16:144:62//Hs.126856:AA932135
 R-NT2RP3001268//Human Aac11 (aac11) mRNA, complete cds//0.12:494:59//Hs.
 151031:U83857
 R-NT2RP3001272//ESTs//1.4e-92:436:99//Hs.149831:AI383965
 R-NT2RP3001274//ESTs//3.9e-81:424:95//Hs.113184:N25651
 R-NT2RP3001281//EST//3.1e-60:298:98//Hs.149230:AI247332
 R-NT2RP3001307//EST//0.42:215:62//Hs.126165:AA868691
 R-NT2RP3001318//ESTs//4.1e-74:363:97//Hs.130832:H92571
 R-NT2RP3001325//ESTs//1.7e-106:534:96//Hs.21214:H98989
 R-NT2RP3001338//Human protein tyrosine phosphatase sigma mRNA, complete
 cds//0.22:199:63//Hs.159534:U35234
 R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//3.
 9e-114:566:96//Hs.18586:AB007920
 R-NT2RP3001340//ESTs//1.1e-72:411:92//Hs.21135:W81653
 R-NT2RP3001355//ESTs//9.0e-103:521:95//Hs.99486:AA776798

R-NT2RP3001374//ESTs//2.7e-82:395:98//Hs.117102:AA993090
R-NT2RP3001383//ESTs//3.6e-10:118:78//Hs.111055:AA169778
R-NT2RP3001384//ESTs, Weakly similar to A-kinase anchor protein 95, AKAP
95 [R.norvegicus] //5.7e-92:522:90//Hs.96200:AA218942
R-NT2RP3001392//ESTs//5.9e-62:296:100//Hs.125034:AA907375
R-NT2RP3001396//ESTs//3.7e-111:528:98//Hs.22612:AA152232
R-NT2RP3001398//ESTs//2.6e-94:449:99//Hs.146332:AI276628
R-NT2RP3001399//ESTs//2.6e-82:401:97//Hs.7932:AI041186
R-NT2RP3001407//ESTs//2.2e-101:488:97//Hs.71573:AA496898
R-NT2RP3001420//EST//7.4e-44:394:79//Hs.137041:AA877817
R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence//3.6e-106:550:94/
/Hs.6957:AF052158
R-NT2RP3001427//ESTs//1.3e-87:374:97//Hs.5457:H05692
R-NT2RP3001428//Neurotrophic tyrosine kinase, receptor, type 1//4.7e-96:
533:91//Hs.85844:X66397
R-NT2RP3001432//ESTs//1.9e-102:523:95//Hs.132978:AI041374
R-NT2RP3001447//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens] //5.1e-101:482:98//Hs.124135:AA910560
R-NT2RP3001449//ESTs//2.2e-99:502:96//Hs.7834:N45994
R-NT2RP3001453//Small inducible cytokine A5 (RANTES)//8.1e-45:295:85//Hs
.155464:AF088219
R-NT2RP3001457//ESTs//1.5e-52:256:99//Hs.117982:AA644658
R-NT2RP3001459//ESTs//3.4e-62:299:99//Hs.146098:AA167280
R-NT2RP3001472//ESTs//4.8e-108:540:96//Hs.69594:N37009
R-NT2RP3001490//ESTs//3.5e-91:549:88//Hs.6606:AA211783
R-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds//1.4e-
61:338:93//Hs.519:U13395
R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (T
RC8) mRNA, complete cds//6.8e-112:549:97//Hs.28285:AF064801

R-NT2RP3001527//ESTs//4.4e-105:543:95//Hs.158761:AA631047
R-NT2RP3001529//Homo sapiens tapasin (NGS-17) mRNA, complete cds//7.9e-5
9:427:83//Hs.5247:AF029750
R-NT2RP3001538//ESTs//1.6e-94:521:92//Hs.6846:AA209463
R-NT2RP3001554//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus
]//2.8e-76:392:95//Hs.66048:AA524416
R-NT2RP3001580//ESTs//3.7e-82:398:98//Hs.23490:N49477
R-NT2RP3001587//Homa sapiens mRNA for HRIHFB2115, partial cds//1.8e-09:8
6:88//Hs.4311:AB015337
R-NT2RP3001589//ESTs//0.0029:243:62//Hs.158924:AA605194
R-NT2RP3001607//EST//0.00096:76:78//Hs.140319:AA748328
R-NT2RP3001608//ESTs//3.8e-105:525:96//Hs.144655:AI279798
R-NT2RP3001621//ESTs//3.3e-108:535:97//Hs.47378:AI193598
R-NT2RP3001629
R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//2.7e-109:
541:96//Hs.9899:AF099149
R-NT2RP3001642//ESTs//6.0e-105:525:96//Hs.3376:AA915989
R-NT2RP3001646//ESTs//4.8e-95:523:92//Hs.64036:AA127709
R-NT2RP3001671//ESTs//0.0013:367:60//Hs.106090:AA457030
R-NT2RP3001672//ESTs//3.4e-37:191:98//Hs.57475:AI382189
R-NT2RP3001676//ESTs//1.5e-81:408:97//Hs.142547:N67648
R-NT2RP3001678//ESTs//4.3e-85:405:99//Hs.121915:AI268225
R-NT2RP3001679//ESTs//3.4e-100:545:93//Hs.5943:AI222558
R-NT2RP3001688//Human mRNA for KIAA0392 gene, partial cds//8.6e-46:301:8
7//Hs.40100:AB002390
R-NT2RP3001690//ESTs//3.3e-111:542:97//Hs.86149:AI341312
R-NT2RP3001708//ESTs//1.4e-96:349:95//Hs.17975:AA868618
R-NT2RP3001712//ESTs//9.3e-14:102:92//Hs.78041:N29669
R-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PR

ECURSOR [Mus musculus]//4.1e-80:444:91//Hs.6823:W18181
R-NT2RP3001724//ESTs//1.8e-109:547:96//Hs.14570:AI422099
R-NT2RP3001730//ESTs//4.1e-98:528:92//Hs.155115:AA669923
R-NT2RP3001739//ESTs//4.4e-87:444:94//Hs.27239:W27810
R-NT2RP3001752//ESTs//6.1e-93:490:94//Hs.4210:AA740440
R-NT2RP3001753//ESTs//2.5e-82:395:99//Hs.126435:AA912968
R-NT2RP3001764//ESTs, Weakly similar to protein-tyrosine phosphatase [H. sapiens]//1.2e-87:450:96//Hs.20281:N92517
R-NT2RP3001777//ESTs//1.1e-86:360:97//Hs.100530:H06725
R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//4.2e-113:549:97//Hs.28169:AB007928
R-NT2RP3001792//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.1e-21:119:99//Hs.44268:AA455900
R-NT2RP3001799//OX40L RECEPTOR PRECURSOR//2.8e-45:374:79//Hs.129780:X75962
R-NT2RP3001819//ESTs//2.6e-87:432:96//Hs.10414:AI291292
R-NT2RP3001844//ESTs//0.024:128:67//Hs.25131:N50117
R-NT2RP3001854//ESTs//1.4e-92:490:92//Hs.15165:N52900
R-NT2RP3001855//ESTs//1.9e-66:361:93//Hs.10043:D81792
R-NT2RP3001896//ESTs//1.4e-96:343:97//Hs.24809:N73642
R-NT2RP3001898//ESTs//4.1e-90:515:91//Hs.4867:AA521180
R-NT2RP3001915//ESTs//4.4e-32:175:95//Hs.24641:AA954666
R-NT2RP3001926//ESTs, Highly similar to NUCLEOLYSIN TIA-1 [Homo sapiens]//1.0e-40:202:100//Hs.24709:AI123300
R-NT2RP3001929//ESTs//6.6e-84:449:94//Hs.26962:AA682781
R-NT2RP3001931//ESTs//1.0e-41:214:99//Hs.32360:AA534737
R-NT2RP3001938//ESTs, Highly similar to SPORULATION-SPECIFIC PROTEIN 1 [Saccharomyces cerevisiae]//1.3e-95:483:96//Hs.5771:W74591
R-NT2RP3001943//ESTs//1.2e-23:169:88//Hs.103930:AA160990

R-NT2RP3001944//ESTs//2.0e-90:439:97//Hs.103380:AI291325
 R-NT2RP3001969//ESTs//0.95:133:65//Hs.131669:AI025889
 R-NT2RP3001989//ESTs, Weakly similar to C01A2.4 [C.elegans]//8.9e-64:310
 :99//Hs.11449:AI201540
 R-NT2RP3002002//ESTs//2.1e-95:562:89//Hs.5997:AA897088
 R-NT2RP3002004//H.sapiens mRNA for FAST kinase//1.6e-42:335:82//Hs.75087
 :X86779
 R-NT2RP3002007//ESTs//0.12:184:66//Hs.94030:AA846729
 R-NT2RP3002014//Small inducible cytokine A5 (RANTES)//6.8e-47:291:89//Hs
 .155464:AF088219
 R-NT2RP3002033
 R-NT2RP3002045//ESTs//1.0e-92:555:88//Hs.106411:W29081
 R-NT2RP3002054//EST//0.45:155:63//Hs.5656:D20426
 R-NT2RP3002056//ESTs//1.4e-95:504:93//Hs.17428:AI365221
 R-NT2RP3002057//Human mRNA for KIAA0152 gene, complete cds//0.69:127:66/
 /Hs.90438:D63486
 R-NT2RP3002062
 R-NT2RP3002063//ESTs//2.1e-113:552:97//Hs.9591:AA069657
 R-NT2RP3002081//ESTs//5.5e-43:212:100//Hs.124852:AA969139
 R-NT2RP3002097//EST//2.3e-10:80:91//Hs.102717:N59148
 R-NT2RP3002102
 R-NT2RP3002108
 R-NT2RP3002146//ESTs//5.5e-58:296:97//Hs.65328:AA625385
 R-NT2RP3002147//EST//2.5e-53:387:81//Hs.147928:AI249703
 R-NT2RP3002151//ESTs, Highly similar to G1 TO S PHASE TRANSITION PROTEI
 N 1 HOMOLOG [Homo sapiens]//6.2e-107:534:96//Hs.59523:AA602837
 R-NT2RP3002163//ESTs//2.7e-106:520:97//Hs.21258:AA412293
 R-NT2RP3002165//ESTs//7.4e-93:479:95//Hs.27299:AI074024
 R-NT2RP3002166//ESTs//1.0:261:59//Hs.132817:AA593713

R-NT2RP3002173//ESTs//2.7e-93:512:92//Hs.23648:H07120
 R-NT2RP3002181//ESTs//1.0e-84:435:96//Hs.47378:AI193598
 R-NT2RP3002244//ESTs//2.7e-11:97:89//Hs.9412:W72446
 R-NT2RP3002248//ESTs//4.3e-90:459:95//Hs.9848:AA130588
 R-NT2RP3002255//ESTs//1.3e-45:289:88//Hs.9100:AA431672
 R-NT2RP3002273//ESTs//2.3e-100:489:97//Hs.8258:AA744743
 R-NT2RP3002276//ESTs//1.2e-50:306:91//Hs.16160:AA778171
 R-NT2RP3002303//ESTs//1.1e-67:323:99//Hs.129761:AA836898
 R-NT2RP3002304//ESTs//2.8e-86:405:99//Hs.29643:AA418500
 R-NT2RP3002330//ESTs, Weakly similar to G1 TO S PHASE TRANSITION PROTEIN
 1 HOMOLOG [H.sapiens]//1.8e-19:136:87//Hs.106928:AI041737
 R-NT2RP3002343//ESTs//1.0e-42:260:93//Hs.7797:W25667
 R-NT2RP3002351//Homo sapiens 9G8 splicing factor mRNA, complete cds//0.0
 048:221:64//Hs.556:L41887
 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A)
 gene//5.8e-105:516:94//Hs.6483:Y16355
 R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//1.5
 e-103:524:95//Hs.12707:AB014578
 R-NT2RP3002484//Human APRT gene for adenine phosphoribosyltransferase//0
 .54:108:71//Hs.28914:Y00486
 R-NT2RP3002501//ESTs//2.7e-96:489:95//Hs.27335:N74185
 R-NT2RP3002512//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R10
 7.2 IN CHROMOSOME III [C.elegans]//3.2e-90:526:90//Hs.8083:AA521436
 R-NT2RP3002529//ESTs, Highly similar to PUTATIVE VACUOLAR PROTEIN SORTI
 NG-ASSOCIATED PROTEIN C2G11.03C [Schizosaccharomyces pombe]//3.8e-101:49
 7:96//Hs.6650:AA843246
 R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.1
 e-83:438:94//Hs.19542:AB018272
 R-NT2RP3002549//ESTs//3.8e-98:493:96//Hs.7358:AA191673

R-NT2RP3002566//Homo sapiens calcium-activated potassium channel (KCNN3)
mRNA, complete cds//0.14:184:63//Hs.89230:AF031815

R-NT2RP3002587//Homo sapiens KIAA0420 mRNA, complete cds//2.0e-18:138:78
//Hs.129883:AB007880

R-NT2RP3002590//ESTs//2.9e-51:290:93//Hs.162942:AI243850

R-NT2RP3002602//Homo sapiens stannin mRNA, complete cds//5.5e-06:58:100/
/Hs.76691:AF070673

R-NT2RP3002603

R-NT2RP3002631//ESTs//4.8e-54:367:85//Hs.13109:AA192514

R-NT2RP3002659//ESTs//5.3e-30:229:85//Hs.152114:AA401365

R-NT2RP3002660//ESTs//1.9e-88:452:95//Hs.120146:AA708573

R-NT2RP3002663//EST//3.2e-89:469:95//Hs.105767:AA525172

R-NT2RP3002671//ESTs, Highly similar to ELONGATION FACTOR 2 [Drosophila
melanogaster] //5.9e-109:537:97//Hs.19348:AA151678

R-NT2RP3002682//ESTs//2.3e-98:541:91//Hs.75844:AA115502

R-NT2RP3002687//ESTs//5.5e-103:498:97//Hs.72782:AA910871

R-NT2RP3002688//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens] //5.0e-101:524:95//Hs.32580:AI123601

R-NT2RP3002701//EST//0.87:131:63//Hs.161916:AA483169

R-NT2RP3002713//ESTs//4.7e-106:542:95//Hs.14479:AA160945

R-NT2RP3002763//ESTs//1.3e-54:290:94//Hs.142031:AA809159

R-NT2RP3002770//ESTs//0.047:275:61//Hs.122984:AA526973

R-NT2RP3002785//ESTs//2.4e-52:255:99//Hs.132959:AI376958

R-NT2RP3002799//EST//8.2e-61:321:94//Hs.140992:R71377

R-NT2RP3002810//EST//0.19:116:68//Hs.121810:AA775240

R-NT2RP3002818//ESTs//1.3e-109:531:98//Hs.58924:AI348080

R-NT2RP3002861//ESTs//2.5e-84:429:95//Hs.23920:AA909678

R-NT2RP3002869//EST//0.00011:116:71//Hs.161606:AA019641

R-NT2RP3002876//ESTs//0.0024:182:63//Hs.117306:AA687262

R-NT2RP3002877//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//8.1e-14:146:72//Hs.129727:AF035587

R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.5e-110:570:95//Hs.6162:AB018314

R-NT2RP3002911//ESTs//3.6e-92:436:99//Hs.143917:AI206286

R-NT2RP3002948//EST//1.0:102:65//Hs.144730:AI191975

R-NT2RP3002953//ESTs//1.8e-107:513:98//Hs.119693:AI201698

R-NT2RP3002955//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.23:563:56//Hs.127338:AB007961

R-NT2RP3002969//ESTs, Weakly similar to LONG-CHAIN-FATTY-ACID--COA LIGASE 1 [Saccharomyces cerevisiae]//2.0e-56:387:86//Hs.144597:W20143

R-NT2RP3002972//ESTs//1.7e-97:502:96//Hs.7274:AA476850

R-NT2RP3002978//ESTs//8.6e-104:498:98//Hs.118923:AA252116

R-NT2RP3002988//EST//1.2e-59:315:94//Hs.157743:AI360553

R-NT2RP3003008//ESTs//1.4e-97:515:94//Hs.6544:AA524423

R-NT2RP3003032//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//3.0e-100:528:94//Hs.90353:N98551

R-NT2RP3003059//ESTs//1.7e-76:398:95//Hs.102971:W05355

R-NT2RP3003061//ESTs//4.9e-82:414:96//Hs.99603:AI141912

R-NT2RP3003068//ESTs, Weakly similar to M18.3 [C.elegans]//5.9e-83:392:99//Hs.101364:AA534439

R-NT2RP3003071//ESTs//6.3e-85:399:99//Hs.109755:AA180809

R-NT2RP3003078//ESTs//1.0e-98:471:99//Hs.7995:AI359466

R-NT2RP3003101//EST//0.032:235:60//Hs.147920:AI202441

R-NT2RP3003121//ESTs//3.0e-47:238:97//Hs.43559:AI003520

R-NT2RP3003133//EST//1.5e-77:395:96//Hs.142150:AA223982

R-NT2RP3003138//ESTs, Highly similar to KINESIN-LIKE PROTEIN KIF4 [Mus musculus]//3.3e-107:535:96//Hs.27437:AA004208

R-NT2RP3003139//ESTs//2.5e-106:504:98//Hs.106795:AI271632

R-NT2RP3003150//ESTs//1.6e-99:539:91//Hs.46500:AA129774
 R-NT2RP3003157//ESTs//1.5e-114:563:97//Hs.58608:AA081007
 R-NT2RP3003185//ESTs//3.9e-93:443:98//Hs.9741:AI131226
 R-NT2RP3003193//ESTs//2.0e-37:428:71//Hs.33354:AA179944
 R-NT2RP3003197//ESTs//5.8e-56:312:94//Hs.7016:AA215796
 R-NT2RP3003203//EST//0.0073:212:63//Hs.161355:AI422634
 R-NT2RP3003204//ESTs//7.4e-52:253:99//Hs.120146:AA708573
 R-NT2RP3003212//ESTs//1.8e-76:401:95//Hs.29067:N26107
 R-NT2RP3003230//ESTs, Highly similar to CORONIN [Dictyostelium discoide
 um] //2.0e-40:229:93//Hs.17377:AI078151
 R-NT2RP3003242//ESTs//8.3e-97:458:99//Hs.23057:AI290343
 R-NT2RP3003251//ESTs//1.5e-60:320:95//Hs.36495:AA151628
 R-NT2RP3003264//ESTs//2.1e-103:521:95//Hs.4094:AA173960
 R-NT2RP3003278//ESTs//8.2e-109:536:96//Hs.23788:AA524061
 R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//2.4e-102:
 550:93//Hs.11702:L36983
 R-NT2RP3003290//EST//4.3e-27:372:70//Hs.159131:AI384035
 R-NT2RP3003301//ESTs//4.4e-56:285:97//Hs.95370:AA601055
 R-NT2RP3003302//EST//7.2e-10:395:63//Hs.162554:AA584818
 R-NT2RP3003311//ESTs//4.2e-110:538:97//Hs.62180:AI341261
 R-NT2RP3003313//ESTs//2.1e-106:531:96//Hs.22630:C05931
 R-NT2RP3003327//ESTs//4.3e-102:518:95//Hs.120355:AA625445
 R-NT2RP3003330//ESTs//8.6e-104:497:97//Hs.72071:AI125289
 R-NT2RP3003344//ESTs//2.5e-105:494:99//Hs.112188:AA872993
 R-NT2RP3003346//ESTs//1.0:123:69//Hs.116029:AA813102
 R-NT2RP3003353//EST//0.0014:162:68//Hs.149191:AI246155
 R-NT2RP3003377//EST//4.5e-15:119:85//Hs.148129:AA885567
 R-NT2RP3003384//EST//0.0057:86:74//Hs.127735:AA962272
 R-NT2RP3003385//ESTs//0.64:347:59//Hs.5646:W72721

R-NT2RP3003403//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens] //2.2e-24:418:67//Hs.139488:AI124095

R-NT2RP3003409//ESTs//5.3e-98:479:97//Hs.155198:AA767372

R-NT2RP3003411//ESTs//4.8e-86:416:97//Hs.129059:AA126041

R-NT2RP3003427//ESTs//7.4e-103:510:96//Hs.25303:AA641023

R-NT2RP3003433//ESTs//3.5e-85:405:99//Hs.63131:AA664156

R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//3.6e-97:479:96//Hs.14934:AF004828

R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//4.1e-102:527:93//Hs.26450:AB018268

R-NT2RP3003491//ESTs, Weakly similar to No definition line found [C.elegans] //4.0e-106:549:94//Hs.7886:AI057529

R-NT2RP3003500//Human RP3 mRNA, complete cds//0.66:401:60//Hs.75307:U02556

R-NT2RP3003543//Human clone A9A2BRB7 (CAC)_n/(GTG)_n repeat-containing mRNA//4.1e-33:217:88//Hs.8068:U00952

R-NT2RP3003552//ESTs//3.1e-106:546:94//Hs.101754:AI123430

R-NT2RP3003555//ESTs//3.4e-106:537:95//Hs.85550:AA187681

R-NT2RP3003564

R-NT2RP3003572//ESTs//1.2e-20:122:88//Hs.8253:N48721

R-NT2RP3003576//ESTs//2.7e-71:394:94//Hs.151136:R99944

R-NT2RP3003589//EST//0.58:242:59//Hs.130804:AA894759

R-NT2RP3003625//ESTs//7.6e-41:349:80//Hs.140608:N53448

R-NT2RP3003656//Human LIM protein (LPP) mRNA, partial cds//0.26:222:60//Hs.17217:U49957

R-NT2RP3003659//ESTs//2.0e-113:547:97//Hs.23389:AA769310

R-NT2RP3003665//ESTs//1.6e-80:415:95//Hs.141084:H11714

R-NT2RP3003672

R-NT2RP3003686//ESTs//6.8e-114:552:97//Hs.43299:N23036

R-NT2RP3003701//ESTs//2.1e-16:282:66//Hs.115512:AI208768
 R-NT2RP3003716//ESTs//2.1e-45:195:91//Hs.41296:N71923
 R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//5.6e-103:492:97//Hs.48513:AB018300
 R-NT2RP3003746//ESTs//1.9e-85:411:98//Hs.54835:AI050863
 R-NT2RP3003795//EST//6.2e-97:459:99//Hs.134769:AI089747
 R-NT2RP3003799//ESTs//2.8e-62:337:94//Hs.124023:H18913
 R-NT2RP3003800//PROTO-ONCOGENE TYROSINE-PROTEIN KINASE SRC//8.9e-108:551:95//Hs.115742:AF077754
 R-NT2RP3003805//ESTs//2.2e-103:490:99//Hs.9412:W72446
 R-NT2RP3003809//ESTs, Highly similar to SAV PROTEIN [Sulfolobus acidocaldarius]//3.4e-89:456:95//Hs.5555:AI285198
 R-NT2RP3003819//Interleukin 10//3.3e-43:173:89//Hs.2180:M57627
 R-NT2RP3003825//ESTs//1.6e-66:485:80//Hs.7405:W27761
 R-NT2RP3003828//ESTs, Weakly similar to unknown [H.sapiens]//9.6e-98:511:95//Hs.26955:AI333224
 R-NT2RP3003831//ESTs//2.2e-38:317:79//Hs.142173:AA757743
 R-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//5.2e-110:541:97//Hs.25300:AF070611
 R-NT2RP3003842//EST//9.9e-44:506:70//Hs.139093:AA166888
 R-NT2RP3003846//ESTs//4.6e-10:66:100//Hs.74924:AI332962
 R-NT2RP3003870//ESTs//3.4e-82:449:92//Hs.122691:AA152298
 R-NT2RP3003876//ESTs//1.9e-89:449:96//Hs.45046:N40170
 R-NT2RP3003914//ESTs//1.3e-99:470:98//Hs.118966:AA926726
 R-NT2RP3003918//ESTs//1.3e-79:417:94//Hs.5005:W25933
 R-NT2RP3003932//ESTs//6.0e-83:427:94//Hs.93581:H50221
 R-NT2RP3003989//ESTs//4.8e-76:403:93//Hs.127243:W80409
 R-NT2RP3003992//ESTs//2.4e-88:508:90//Hs.134200:D19593
 R-NT2RP3004013//ESTs//3.7e-111:551:97//Hs.105108:AA781142

R-NT2RP3004016//ESTs//1.7e-81:394:98//Hs.63368:AA613714
R-NT2RP3004041
R-NT2RP3004051//ESTs//3.5e-69:386:93//Hs.51347:T72820
R-NT2RP3004070//ESTs//5.5e-108:552:95//Hs.23392:AI310139
R-NT2RP3004078//ESTs//3.3e-82:443:93//Hs.26407:W45387
R-NT2RP3004093//ESTs//4.4e-83:426:94//Hs.140932:AI262104
R-NT2RP3004095//ESTs//0.00013:93:78//Hs.36567:AA262045
R-NT2RP3004110//ESTs, Weakly similar to similar to oxysterol-binding proteins: partial CDS. [C.elegans]//3.5e-76:402:95//Hs.55847:W31092
R-NT2RP3004125//ESTs//9.3e-74:363:97//Hs.32988:C01696
R-NT2RP3004145//ESTs//2.6e-96:451:99//Hs.59584:AA587334
R-NT2RP3004148//ESTs//1.3e-10:77:92//Hs.135890:AI183425
R-NT2RP3004155//ESTs//1.7e-110:558:96//Hs.27003:AI279093
R-NT2RP3004206//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila melanogaster]//1.8e-40:200:100//Hs.26089:AA195126
R-NT2RP3004207//ESTs, Weakly similar to gene SEZ-6 [M.musculus]//1.1e-41:266:89//Hs.6314:AA522619
R-NT2RP3004209//ESTs, Highly similar to PUTATIVE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE C13A11.04C [Schizosaccharomyces pombe]//3.7e-112:547:97//Hs.99819:AI346680
R-NT2RP3004215//ESTs//1.1e-103:541:95//Hs.124918:N64794
R-NT2RP3004242//ESTs//4.5e-105:524:96//Hs.29724:N46252
R-NT2RP3004246//EST//1.9e-07:67:91//Hs.125687:AA884827
R-NT2RP3004253//EST//2.9e-88:454:94//Hs.127713:AA961628
R-NT2RP3004258//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR SRP75 [Homo sapiens]//1.6e-89:468:95//Hs.5117:AA831530
R-NT2RP3004262//ESTs//4.1e-86:443:96//Hs.101393:T87623
R-NT2RP3004334//EST//0.00057:206:63//Hs.149388:AI273630
R-NT2RP3004341//EST//0.00042:151:68//Hs.148498:AI200264

R-NT2RP3004348//Homo sapiens LIM protein mRNA, complete cds//5.9e-61:299
:85//Hs.154103:AF061258

R-NT2RP3004349//EST//3.6e-42:175:88//Hs.161917:AA483223

R-NT2RP3004378//ESTs//0.27:294:60//Hs.66479:AA863044

R-NT2RP3004399//ESTs//5.8e-99:479:98//Hs.120234:AA732224

R-NT2RP3004424//EST, Highly similar to F21G4.6 [C.elegans]//0.30:253:58/
/Hs.97184:AA385934

R-NT2RP3004428//ESTs//2.8e-48:279:91//Hs.106826:W25985

R-NT2RP3004451//ESTs//4.8e-101:509:96//Hs.29725:W74621

R-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//9.
3e-108:526:98//Hs.27349:AB007917

R-NT2RP3004466//ESTs//0.25:51:90//Hs.7778:AA195616

R-NT2RP3004470//EST//0.032:70:71//Hs.147925:AI249332

R-NT2RP3004472//ESTs//0.0069:430:59//Hs.116651:AA993406

R-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//5.0
e-107:521:97//Hs.5003:AB007925

R-NT2RP3004480

R-NT2RP3004490//ESTs//4.7e-68:354:95//Hs.163721:H42504

R-NT2RP3004498//ESTs, Moderately similar to ORF2: function unknown [H.sa
piens]//3.4e-100:508:95//Hs.47393:AA218858

R-NT2RP3004503//ESTs//4.6e-90:478:93//Hs.133998:AA994735

R-NT2RP3004504//ESTs, Highly similar to cytoplasmic polyadenylation elem
ent-binding protein [M.musculus]//1.8e-83:465:92//Hs.137064:AA318257

R-NT2RP3004507//ESTs//1.5e-98:495:96//Hs.128905:AI051971

R-NT2RP3004527//EST//1.6e-109:535:97//Hs.149481:AI279865

R-NT2RP3004534

R-NT2RP3004544//EST//0.035:226:60//Hs.99195:AA449232

R-NT2RP3004566//ESTs//4.1e-86:455:95//Hs.13110:T67461

R-NT2RP3004569//ESTs//2.9e-94:493:94//Hs.24948:AA977674

R-NT2RP3004572//ESTs//1.1e-92:437:99//Hs.24846:AI420493
 R-NT2RP3004578//ESTs//0.98:166:64//Hs.124593:AA854456
 R-NT2RP3004594//EST//5.8e-89:426:98//Hs.134213:AI080213
 R-NT2RP3004617//ESTs//1.4e-40:226:85//Hs.15921:R71157
 R-NT2RP3004618//ESTs//1.8e-38:229:90//Hs.125153:AA453723
 R-NT2RP3004670//Homo sapiens GN6ST mRNA for long form of N-acetylglucosa
 mine-6-O-sulfotransferase (GlcNAc6ST), complete cds//7.2e-57:291:95//Hs.
 8786:AB014680
 R-NT2RP4000008//ESTs//8.9e-119:561:98//Hs.25035:AI123335
 R-NT2RP4000023//EST//1.2e-34:271:80//Hs.98300:AA418560
 R-NT2RP4000035//Small inducible cytokine A5 (RANTES)//2.1e-68:320:82//Hs
 .155464:AF088219
 R-NT2RP4000049//Homo sapiens TRAIL receptor 2 mRNA, complete cds//6.7e-6
 0:289:82//Hs.51233:AF016266
 R-NT2RP4000051//ESTs, Weakly similar to protein B [H.sapiens]//8.3e-98:4
 62:99//Hs.10114:AI345945
 R-NT2RP4000078//ESTs//0.00068:367:60//Hs.106090:AA457030
 R-NT2RP4000102//ESTs//9.7e-50:256:97//Hs.24266:R28287
 R-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//1.1e-107:536:9
 6//Hs.57929:AB011538
 R-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//3.5
 e-112:554:97//Hs.64691:AB007952
 R-NT2RP4000147//ESTs//3.9e-11:122:80//Hs.25584:AA632014
 R-NT2RP4000150//EST//4.4e-84:510:88//Hs.144238:W52294
 R-NT2RP4000151//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R10
 7.2 IN CHROMOSOME III [C.elegans]//5.7e-93:515:92//Hs.8083:AA521436
 R-NT2RP4000159//ESTs//0.0019:209:65//Hs.161816:AA400295
 R-NT2RP4000167//ESTs//2.1e-113:549:97//Hs.109441:N66569
 R-NT2RP4000185//ESTs//0.65:232:59//Hs.144445:AA807257

R-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds//1.5e-100:505:96//Hs.13999:AB014600

R-NT2RP4000212//ESTs//8.5e-14:169:75//Hs.8520:AA081788

R-NT2RP4000214//Human mRNA for KIAA0392 gene, partial cds//6.2e-43:272:90//Hs.40100:AB002390

R-NT2RP4000218//ESTs//6.1e-10:335:64//Hs.105658:AA978185

R-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP) //2.9e-70:354:96//Hs.155481:AJ006470

R-NT2RP4000246//ESTs//7.1e-26:154:94//Hs.14838:AA502757

R-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence//9.3e-79:379:99//Hs.43728:AF091092

R-NT2RP4000263

R-NT2RP4000290//ESTs, Weakly similar to similar to Achlya ambisexualis antheridiol steroid receptor [C.elegans] //4.7e-104:525:96//Hs.152069:AA548972

R-NT2RP4000312//ESTs//8.2e-66:319:99//Hs.35091:AI271631

R-NT2RP4000321//Homo sapiens clone 24453 mRNA sequence//1.3e-109:513:99//Hs.13410:AF070524

R-NT2RP4000323//ESTs//7.7e-109:534:97//Hs.34790:AA192760

R-NT2RP4000355//ESTs//3.1e-44:320:83//Hs.141323:N80390

R-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds//7.6e-111:520:99//Hs.107479:AB018281

R-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//2.8e-110:527:98//Hs.31323:AF044195

R-NT2RP4000370//ESTs//8.9e-32:166:98//Hs.70488:AI301130

R-NT2RP4000376//ESTs//6.8e-99:465:99//Hs.27182:AA604498

R-NT2RP4000381//ESTs//3.0e-50:280:93//Hs.8395:W27376

R-NT2RP4000415//ESTs, Weakly similar to coded for by C. elegans cDNA yk30b3.5 [C.elegans] //3.9e-87:499:91//Hs.26156:AA630975

R-NT2RP4000417//ESTs, Moderately similar to HYPOTHETICAL 91.2 KD PROTEIN IN RPS7A-SCH9 INTERGENIC REGION [*Saccharomyces cerevisiae*]//8.9e-95:468:96//Hs.93871:AI191318

R-NT2RP4000424//ESTs//3.7e-98:473:98//Hs.24945:AI189011

R-NT2RP4000448//ESTs//2.6e-79:446:91//Hs.25159:R60955

R-NT2RP4000449//ESTs//3.6e-98:468:98//Hs.31176:AI037953

R-NT2RP4000455//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//0.35:153:63//Hs.113286:U77783

R-NT2RP4000457//ESTs//4.5e-89:455:96//Hs.62638:AA127740

R-NT2RP4000480//ESTs//4.9e-92:431:99//Hs.121072:AI204167

R-NT2RP4000481

R-NT2RP4000500//ESTs, Weakly similar to HYPOTHETICAL 83.6 KD PROTEIN R05 D3.2 IN CHROMOSOME III [*C.elegans*]//1.2e-40:125:97//Hs.56124:AI424792

R-NT2RP4000515//EST//6.7e-30:183:90//Hs.150710:AI122713

R-NT2RP4000517//Aldehyde dehydrogenase 7//7.5e-28:183:76//Hs.83155:U10868

R-NT2RP4000518//EST//0.091:178:58//Hs.133031:AI049874

R-NT2RP4000519

R-NT2RP4000524//ESTs, Highly similar to rsec8 [*R.norvegicus*]//3.4e-93:496:93//Hs.107394:H07126

R-NT2RP4000528//EST//0.84:130:66//Hs.140208:AA702213

R-NT2RP4000541//EST//5.2e-63:337:94//Hs.156337:AI337328

R-NT2RP4000556//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L11 [*R.norvegicus*]//8.2e-92:448:98//Hs.25597:H93026

R-NT2RP4000588//ESTs//3.8e-94:445:98//Hs.44077:N28840

R-NT2RP4000614//ESTs//6.5e-18:159:83//Hs.24549:N57263

R-NT2RP4000638//ESTs//2.5e-46:296:87//Hs.132722:AA618531

R-NT2RP4000648//ESTs//2.6e-103:559:93//Hs.23794:W80393

R-NT2RP4000657//ESTs//1.0:189:60//Hs.87073:AA972704

R-NT2RP4000704//ESTs//2.8e-101:509:96//Hs.84824:AA935651
 R-NT2RP4000724//ESTs//1.5e-83:442:94//Hs.142114:AA205615
 R-NT2RP4000728//ESTs//0.84:61:75//Hs.145334:AI251399
 R-NT2RP4000739//ESTs//8.8e-80:418:94//Hs.42959:N21211
 R-NT2RP4000781//ESTs//1.4e-79:376:99//Hs.135458:AI081312
 R-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//3.
 1e-106:550:94//Hs.25132:AB007939
 R-NT2RP4000833//ESTs//5.8e-46:309:85//Hs.163979:AA828834
 R-NT2RP4000837//ESTs//1.7e-112:539:97//Hs.97718:AI334028
 R-NT2RP4000855//ESTs//1.1e-95:486:95//Hs.5345:AA988104
 R-NT2RP4000865//EST//6.2e-68:412:89//Hs.142196:AA258356
 R-NT2RP4000878//ESTs//1.9e-80:417:95//Hs.104716:AI023185
 R-NT2RP4000879//ESTs//1.8e-42:211:99//Hs.89991:AI374617
 R-NT2RP4000907//ESTs//1.2e-89:453:97//Hs.100182:N92594
 R-NT2RP4000915//EST//9.4e-06:197:63//Hs.145970:AI277106
 R-NT2RP4000925//ESTs, Weakly similar to KIAA0405 [H.sapiens]//5.9e-17:13
 4:85//Hs.14146:W92235
 R-NT2RP4000927//ESTs//4.3e-14:84:100//Hs.155360:AA984683
 R-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA,
 partial cds//8.2e-108:548:95//Hs.24812:AF069532
 R-NT2RP4000929//ESTs//1.3e-119:567:98//Hs.62717:AA044905
 R-NT2RP4000955//ESTs//3.5e-10:119:78//Hs.42946:N21111
 R-NT2RP4000973//ESTs//2.8e-05:93:69//Hs.155126:AA563986
 R-NT2RP4000975//ESTs//4.4e-58:324:95//Hs.126070:AA045179
 R-NT2RP4000979//ESTs//3.5e-42:468:73//Hs.106210:AI193017
 R-NT2RP4000984//Homo sapiens clone 23770 mRNA sequence//8.7e-120:570:98/
 /Hs.12457:AF052123
 R-NT2RP4000989//ESTs//1.3e-122:581:98//Hs.10499:AA528018
 R-NT2RP4000996//ESTs//9.2e-113:579:94//Hs.23762:N26620

R-NT2RP4000997//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.1e-28:439:68//Hs.129735:AF010144

R-NT2RP4001004//ESTs//3.6e-78:389:98//Hs.156290:AI016769

R-NT2RP4001006//ESTs, Moderately similar to ORF2: function unknown [H.sapiens]//6.6e-124:574:99//Hs.47393:AA218858

R-NT2RP4001010//EST//2.8e-31:194:90//Hs.161186:AI418635

R-NT2RP4001029//ESTs//4.4e-111:523:99//Hs.28423:AI336292

R-NT2RP4001041//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC [Saccharomyces cerevisiae]//3.6e-114:569:96//Hs.6762:AA088424

R-NT2RP4001057//Homo sapiens KIAA0399 mRNA, partial cds//2.0e-51:282:94//Hs.100955:AB007859

R-NT2RP4001064//ESTs, Weakly similar to protein B [H.sapiens]//2.1e-103:485:99//Hs.10114:AI345945

R-NT2RP4001078

R-NT2RP4001079//Homo sapiens mRNA for putative Ca²⁺-transporting ATPase, partial//1.7e-119:569:98//Hs.106778:AJ010953

R-NT2RP4001080//ESTs//7.6e-10:65:100//Hs.131694:AA927668

R-NT2RP4001086//Homo sapiens mRNA for KIAA0592 protein, partial cds//5.9e-121:548:95//Hs.13273:AB011164

R-NT2RP4001095//ESTs//1.5e-113:563:96//Hs.118732:AI344055

R-NT2RP4001100//ESTs//2.0e-46:413:79//Hs.146314:R99617

R-NT2RP4001117//EST//7.4e-51:294:92//Hs.7260:T23737

R-NT2RP4001122//ESTs//5.4e-109:509:99//Hs.16390:AI052357

R-NT2RP4001126//EST//0.97:169:61//Hs.148107:AA693476

R-NT2RP4001138//ESTs//3.0e-110:543:97//Hs.57655:AI056890

R-NT2RP4001143//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//5.4e-113:573:96//Hs.5249:U55977

R-NT2RP4001148//ESTs//3.1e-103:490:98//Hs.121282:AI091453

R-NT2RP4001149//EST//1.7e-50:281:93//Hs.101727:H16171
 R-NT2RP4001150//ESTs//1.9e-90:422:100//Hs.125490:AI138884
 R-NT2RP4001159
 R-NT2RP4001174//ESTs//2.5e-110:526:98//Hs.116555:AA639278
 R-NT2RP4001206//ESTs//1.1e-25:140:97//Hs.83756:AI002822
 R-NT2RP4001207//ESTs//4.4e-70:432:89//Hs.13109:AA192514
 R-NT2RP4001210//ESTs//1.4e-108:509:99//Hs.27021:AI359495
 R-NT2RP4001213//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [Homo sapiens] //4.4e-123:624:95//Hs.22744:AI379892
 R-NT2RP4001219//ESTs//0.0043:142:65//Hs.6733:AI160750
 R-NT2RP4001228//ESTs//4.9e-101:482:98//Hs.62684:AA806103
 R-NT2RP4001235//ESTs//3.7e-105:571:93//Hs.37706:AA005120
 R-NT2RP4001256//ESTs//1.1e-12:189:74//Hs.20621:W28255
 R-NT2RP4001260//EST//6.9e-05:313:61//Hs.116438:AA648430
 R-NT2RP4001274//EST//0.0020:246:63//Hs.149955:AI289933
 R-NT2RP4001276//ESTs//2.9e-34:213:91//Hs.43100:AA186588
 R-NT2RP4001313
 R-NT2RP4001315//EST//6.1e-38:217:93//Hs.97832:AA400892
 R-NT2RP4001339//ESTs//3.8e-91:430:99//Hs.34840:AI279612
 R-NT2RP4001345//ESTs//5.3e-89:443:96//Hs.6770:AA972732
 R-NT2RP4001351//ESTs//6.0e-78:394:97//Hs.102796:N70837
 R-NT2RP4001353//ESTs//4.8e-06:90:82//Hs.7778:AA195616
 R-NT2RP4001372
 R-NT2RP4001373//ESTs, Weakly similar to HYPOTHETICAL 48.8 KD PROTEIN IN TRK2-MRS4 INTERGENIC REGION [Saccharomyces cerevisiae] //1.7e-108:546:96//Hs.32271:AA203680
 R-NT2RP4001375//ESTs//2.4e-19:155:87//Hs.62119:AA043299
 R-NT2RP4001379//EST//4.4e-29:288:72//Hs.157848:AI362501
 R-NT2RP4001389//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN

PAP1-MRPL13 INTERGENIC REGION [*Saccharomyces cerevisiae*] //3.8e-79:438:9
 3//Hs.21938:W81045
 R-NT2RP4001407//ESTs//8.3e-112:541:97//Hs.22587:AA743132
 R-NT2RP4001414//ESTs//8.6e-18:117:90//Hs.90789:W27649
 R-NT2RP4001433//ESTs, Moderately similar to PROHIBITIN [*H.sapiens*] //1.6e
 -102:498:97//Hs.62386:AA512948
 R-NT2RP4001442//ESTs//8.8e-104:489:99//Hs.101619:AI339433
 R-NT2RP4001447
 R-NT2RP4001474
 R-NT2RP4001483//ESTs//2.1e-100:528:92//Hs.17860:AA706655
 R-NT2RP4001498//ESTs//1.1e-97:470:98//Hs.95744:AI392846
 R-NT2RP4001502//ESTs//6.7e-73:382:96//Hs.11874:N93511
 R-NT2RP4001507//ESTs//2.6e-57:302:96//Hs.65328:AA625385
 R-NT2RP4001524//ESTs, Weakly similar to F13B12.1 [*C.elegans*] //2.9e-107:5
 46:96//Hs.5570:AI377863
 R-NT2RP4001529//ESTs//3.3e-112:524:99//Hs.28423:AI336292
 R-NT2RP4001547//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE C
 HAIN 5 [*Paramecium tetraurelia*] //2.8e-120:566:98//Hs.108530:AA523928
 R-NT2RP4001551//ESTs, Weakly similar to CELL DIVISION CONTROL PROTEIN 68
 [*S.cerevisiae*] //1.4e-26:184:88//Hs.136189:AA133224
 R-NT2RP4001555//ESTs//1.1e-95:445:100//Hs.134403:AA677552
 R-NT2RP4001567//ESTs//2.8e-106:506:98//Hs.102708:AA292285
 R-NT2RP4001568//ESTs//6.4e-55:300:94//Hs.57442:N63437
 R-NT2RP4001571//ESTs//1.3e-114:556:97//Hs.30340:AA521251
 R-NT2RP4001574//ESTs//0.0035:120:67//Hs.96339:AA225906
 R-NT2RP4001575
 R-NT2RP4001592//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOC
 HONDRIAL [*S.cerevisiae*] //8.7e-112:557:97//Hs.7558:AA526812
 R-NT2RP4001610//ESTs//6.2e-77:382:96//Hs.21543:AA166776

R-NT2RP4001614//ESTs//2.8e-117:565:98//Hs.9591:AA069657
R-NT2RP4001634//ESTs//2.0e-39:213:96//Hs.32360:AA534737
R-NT2RP4001638//Homo sapiens clone 23967 unknown mRNA, partial cds//1.7e-116:559:97//Hs.5332:AF007151
R-NT2RP4001644//ESTs, Moderately similar to MNK1 [H.sapiens]//5.3e-36:192:97//Hs.5662:AA868361
R-NT2RP4001656//ESTs, Highly similar to HYPOTHETICAL 108.5 KD PROTEIN R06F6.2 IN CHROMOSOME II [Caenorhabditis elegans]//1.1e-104:525:96//Hs.20472:W28734
R-NT2RP4001677//ESTs//1.8e-106:522:97//Hs.106390:AA156805
R-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence//5.7e-118:583:96//Hs.15562:U96629
R-NT2RP4001725//ESTs//2.0e-11:141:74//Hs.117589:N25941
R-NT2RP4001730//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR [D.melanogaster]//3.4e-73:362:97//Hs.152332:AI141922
R-NT2RP4001739//ESTs//6.6e-59:340:91//Hs.122293:AA843692
R-NT2RP4001753//Zinc finger protein 3 (A8-51)//5.6e-113:552:96//Hs.2481:X78926
R-NT2RP4001760//ESTs//2.5e-94:453:98//Hs.122579:AA766315
R-NT2RP4001790//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//2.0e-62:326:94//Hs.110839:W28098
R-NT2RP4001803
R-NT2RP4001822//ESTs//4.4e-98:526:92//Hs.96908:AI161133
R-NT2RP4001823//ESTs//1.7e-72:357:97//Hs.144900:AI218434
R-NT2RP4001828//ESTs//3.3e-101:536:92//Hs.18851:AA857826
R-NT2RP4001838//ESTs//4.2e-58:344:90//Hs.48723:N66663
R-NT2RP4001849//EST//0.24:105:71//Hs.136747:AA749210
R-NT2RP4001889//Human mRNA for KIAA0118 gene, partial cds//3.4e-34:212:8

8//Hs.154326:D42087

R-NT2RP4001893//ESTs//3.0e-58:321:95//Hs.158787:W79602

R-NT2RP4001896//EST//3.8e-15:108:92//Hs.160835:AI345528

R-NT2RP4001901//ESTs//1.2e-110:536:97//Hs.31443:AI018606

R-NT2RP4001927//ESTs//2.1e-105:546:93//Hs.73291:AI417099

R-NT2RP4001938//ESTs//2.8e-40:235:78//Hs.163641:R61848

R-NT2RP4001946//ESTs//1.3e-29:175:93//Hs.43703:AA088436

R-NT2RP4001950//ESTs//4.6e-95:458:98//Hs.150890:AI341793

R-NT2RP4001953//Clathrin, light polypeptide (Lcb)//2.3e-62:310:82//Hs.73919:X81637

R-NT2RP4001966//ESTs, Weakly similar to tenascin-like protein [D.melanogaster] //8.3e-87:457:94//Hs.41793:AA775879

R-NT2RP4001975//ESTs//1.9e-52:281:94//Hs.7704:W58252

R-NT2RP4002018

R-NT2RP4002047//ESTs, Highly similar to GTP-BINDING PROTEIN LEPA [Pseudomonas fluorescens] //4.7e-09:90:86//Hs.41127:AA555184

R-NT2RP4002052//ESTs//0.054:353:60//Hs.117510:AA903738

R-NT2RP4002058//EST//7.8e-26:151:94//Hs.124617:AA855106

R-NT2RP4002071//ESTs//6.9e-99:475:98//Hs.29216:AA916679

R-NT2RP4002075//ESTs//0.67:121:65//Hs.153939:AI284198

R-NT2RP4002078//ESTs, Highly similar to ZINC FINGER PROTEIN 35 [Homo sapiens] //1.6e-61:464:82//Hs.144228:N99507

R-NT2RP4002081//ESTs, Weakly similar to HYPOTHETICAL 139.1 KD PROTEIN CO8B11.3 IN CHROMOSOME II [C.elegans] //2.3e-56:271:100//Hs.6185:AA428565

R-NT2RP4002083//ESTs//2.0e-108:548:96//Hs.6120:W80407

R-NT2RP4002408//ESTs//2.6e-77:391:96//Hs.14014:AA745592

R-NT2RP4002791//ESTs//7.9e-101:527:93//Hs.22394:N32555

R-NT2RP4002888//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen necrosis virus] //1.9e-65:373:92//Hs.31532:H18272

R-NT2RP4002905//ESTs//1.5e-107:517:98//Hs.40460:N36090
 R-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds//2.8
 e-115:605:94//Hs.108258:AB007934
 R-OVARC1000004
 R-OVARC1000006//ESTs//1.5e-19:139:89//Hs.143034:AI126929
 R-OVARC1000013//ESTs//5.9e-98:531:93//Hs.16470:AA121635
 R-OVARC1000014//ESTs//0.24:243:60//Hs.19569:AA464273
 R-OVARC1000017
 R-OVARC1000035//ESTs//0.035:252:63//Hs.134123:AI078286
 R-OVARC1000058//H.sapiens mRNA for translin associated protein X//3.8e-4
 6:331:83//Hs.96247:X95073
 R-OVARC1000060//EST//2.8e-28:348:71//Hs.141728:W73041
 R-OVARC1000068//ESTs//3.0e-83:491:90//Hs.29397:N51367
 R-OVARC1000071//ESTs//2.5e-60:321:96//Hs.25010:R67871
 R-OVARC1000085//Proteasome component C5//8.6e-67:366:92//Hs.75748:AL0312
 59
 R-OVARC1000087//ESTs//1.0e-111:526:98//Hs.129020:AI380703
 R-OVARC1000091//ESTs, Weakly similar to HOST CELL FACTOR C1 [H.sapiens]/
 /3.9e-112:596:94//Hs.20597:W58370
 R-OVARC1000092//ESTs//5.1e-18:144:82//Hs.109140:AI289942
 R-OVARC1000106
 R-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
 -18) mRNA, complete cds//8.3e-102:495:97//Hs.3688:AF069250
 R-OVARC1000114//H.sapiens mRNA for phosphoinositide 3-kinase//1.7e-45:48
 9:74//Hs.101238:Y11312
 R-OVARC1000133//EST//0.00028:284:61//Hs.30547:H05482
 R-OVARC1000145//EST//3.9e-40:201:99//Hs.156148:AI333214
 R-OVARC1000148//EST//0.79:150:62//Hs.100078:T05090
 R-OVARC1000151

R-OVARC1000168//EST//1.7e-19:142:90//Hs.38441:H66023
R-OVARC1000191//EST//0.0072:292:63//Hs.132492:AA922629
R-OVARC1000198//Homo sapiens LIM protein mRNA, complete cds//6.1e-44:339
:81//Hs.154103:AF061258
R-OVARC1000209//ESTs, Moderately similar to ZINC FINGER PROTEIN 93 [H.sapiens] //1.1e-32:196:92//Hs.64322:AA142864
R-OVARC1000212//EST//0.20:178:61//Hs.133031:AI049874
R-OVARC1000240//ESTs//9.0e-64:314:98//Hs.42300:AA204958
R-OVARC1000241//EST//0.00018:115:68//Hs.150728:AI123130
R-OVARC1000288//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN IN CDC12-ORC6 INTERGENIC REGION [Saccharomyces cerevisiae] //3.3e-74:403:93
//Hs.108117:AI097079
R-OVARC1000302//EST//4.0e-14:102:90//Hs.136617:AA630476
R-OVARC1000304//ESTs, Highly similar to PUTATIVE GTP-BINDING PROTEIN MO
V10 [Mus musculus] //2.9e-37:191:98//Hs.20725:AI027777
R-OVARC1000309//ESTs//3.6e-66:348:94//Hs.9547:AA532449
R-OVARC1000321//ESTs//3.6e-87:454:95//Hs.110445:AA044743
R-OVARC1000326//ESTs, Moderately similar to lamina associated polypeptide 1C [R.norvegicus] //1.3e-98:488:96//Hs.125749:AI377682
R-OVARC1000335//ESTs//3.0e-115:565:97//Hs.54835:AI050863
R-OVARC1000347//EST//0.0018:145:65//Hs.136945:AA765672
R-OVARC1000384//ESTs//2.8e-38:253:89//Hs.15093:AA203423
R-OVARC1000408//ESTs//2.6e-98:515:94//Hs.119808:C05928
R-OVARC1000411//ESTs//3.2e-82:395:98//Hs.104747:AA406219
R-OVARC1000414//Landsteiner-Wiener blood group glycoprotein//1.5e-27:211
:79//Hs.108287:L27670
R-OVARC1000420//EST//2.8e-38:255:74//Hs.138525:R99237
R-OVARC1000427//EST//2.6e-58:302:96//Hs.122914:AA767034
R-OVARC1000431//ESTs//4.9e-108:551:96//Hs.11668:AI123426

R-OVARC1000437
R-OVARC1000440//ESTs//2.9e-91:456:96//Hs.93701:AI018671
R-OVARC1000442//Human high-affinity copper uptake protein (hCTR1) mRNA,
complete cds//4.3e-45:320:84//Hs.73614:U83460
R-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds//3.
6e-79:418:94//Hs.12334:AB014583
R-OVARC1000461//ESTs//3.1e-62:342:93//Hs.23241:R46582
R-OVARC1000465//ESTs//1.7e-67:349:95//Hs.127238:AA477576
R-OVARC1000466//ESTs//1.9e-66:337:95//Hs.5212:AI421211
R-OVARC1000473//ESTs//5.4e-89:320:99//Hs.29173:AA134926
R-OVARC1000479//ESTs, Highly similar to TIP120 [R.norvegicus]//1.1e-102:
514:96//Hs.11833:AI299947
R-OVARC1000486//ESTs//3.9e-78:405:95//Hs.98312:AA424983
R-OVARC1000496
R-OVARC1000520//ESTs//1.2e-20:145:88//Hs.87456:AA434484
R-OVARC1000526//Small inducible cytokine A5 (RANTES)//8.9e-47:217:87//Hs
.155464:AF088219
R-OVARC1000533//ESTs, Moderately similar to integrase [H.sapiens]//8.5e-
48:264:92//Hs.49860:AA702248
R-OVARC1000543//ESTs//5.7e-74:410:94//Hs.62817:AA047021
R-OVARC1000556//H.sapiens mRNA for ribosomal S6 kinase//9.5e-27:202:85//
Hs.90859:X85106
R-OVARC1000557//EST//2.8e-18:169:79//Hs.149101:AI244285
R-OVARC1000564//EST//2.3e-34:199:92//Hs.146637:AI141587
R-OVARC1000573//Interleukin 10//4.7e-42:300:83//Hs.2180:M57627
R-OVARC1000578//Small inducible cytokine A5 (RANTES)//5.2e-58:392:84//Hs
.155464:AF088219
R-OVARC1000588//EST//1.8e-41:174:85//Hs.163333:AA879053
R-OVARC1000605

R-OVARC1000622//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0501//6.4e-47:417:77//Hs.159897:AB007970

R-OVARC1000640//H.sapiens mRNA for translin associated protein X//1.9e-2
8:366:72//Hs.96247:X95073

R-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds//5.
1e-31:162:100//Hs.111862:AB011162

R-OVARC1000678//EST//0.92:199:60//Hs.122025:AA778480

R-OVARC1000679//ESTs//0.94:416:59//Hs.130754:AA279522

R-OVARC1000681//EST//9.2e-21:179:80//Hs.132635:AI032875

R-OVARC1000689//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.053:1
60:64//Hs.108447:AJ000517

R-OVARC1000700//Homo sapiens KIAA0441 mRNA, complete cds//7.1e-09:141:73
//Hs.32511:AB007901

R-OVARC1000703//ESTs//1.7e-46:298:87//Hs.138856:H47461

R-OVARC1000730//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]
//1.7e-17:137:86//Hs.7049:AI141736

R-OVARC1000746//ESTs//0.16:366:60//Hs.136969:AA830918

R-OVARC1000769//ESTs, Weakly similar to eukaryotic initiation factor eIF
-2 alpha kinase [D.melanogaster] //4.6e-28:430:69//Hs.42457:AA523306

R-OVARC1000771//ESTs//1.3e-87:461:94//Hs.22399:AA531016

R-OVARC1000781//ESTs//8.3e-119:572:97//Hs.41972:AA626793

R-OVARC1000787//ESTs//7.4e-18:115:93//Hs.164036:AA845659

R-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR//4.9e-19:119:9
5//Hs.3069:L11066

R-OVARC1000802//ESTs//2.2e-41:383:78//Hs.161228:AI419764

R-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC//1.
2e-106:536:95//Hs.61628:Y17711

R-OVARC1000846//Clathrin, light polypeptide (Lcb)//1.6e-66:282:87//Hs.73
919:X81637

R-OVARC1000850//Homo sapiens PB39 mRNA, complete cds//1.2e-115:579:96//Hs.18910:AF045584

R-OVARC1000862//EST//4.3e-14:129:81//Hs.150663:AA923096

R-OVARC1000876//ESTs//1.0e-115:573:96//Hs.87287:AI150674

R-OVARC1000883//ESTs//3.5e-109:523:98//Hs.28423:AI336292

R-OVARC1000885//ESTs, Highly similar to HYPOTHETICAL OXIDOREDUCTASE IN ROCC-PTA INTERGENIC REGION [Bacillus subtilis]//7.9e-98:525:93//Hs.10366:W21953

R-OVARC1000886//ESTs//8.2e-79:417:94//Hs.7729:AA830777

R-OVARC1000891//ESTs//6.8e-75:401:94//Hs.5833:H15401

R-OVARC1000897//ESTs//3.5e-91:440:98//Hs.125264:AA873350

R-OVARC1000912

R-OVARC1000915//ESTs//1.0e-45:328:82//Hs.163980:AA715814

R-OVARC1000924//ESTs//1.0e-100:501:96//Hs.30204:AA497127

R-OVARC1000936//EST//3.0e-74:367:98//Hs.145098:AA421696

R-OVARC1000937//EST//1.1e-53:290:95//Hs.162846:AA631215

R-OVARC1000945//ESTs//4.9e-51:301:89//Hs.20100:W25794

R-OVARC1000948//ESTs//3.7e-67:332:98//Hs.112570:AA621971

R-OVARC1000959//Small inducible cytokine A5 (RANTES)//7.2e-44:283:86//Hs.155464:AF088219

R-OVARC1000960//Homo sapiens KIAA0395 mRNA, partial cds//1.1e-41:348:80//Hs.43681:AL022394

R-OVARC1000971//EST//6.2e-05:126:70//Hs.160491:AI254909

R-OVARC1000984//ESTs, Weakly similar to No definition line found [C.elegans]//3.5e-68:346:96//Hs.25544:AA532784

R-OVARC1000996//EST//0.12:92:71//Hs.117141:AA678811

R-OVARC1000999//Homo sapiens KIAA0414 mRNA, partial cds//1.5e-44:513:73//Hs.127649:AB007874

R-OVARC1001000//ESTs//1.8e-22:198:80//Hs.140608:N53448

R-OVARC1001004//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//
1.7e-28:181:77//Hs.139107:K00629

R-OVARC1001010//EST//2.1e-09:92:85//Hs.147893:AI223270

R-OVARC1001011//EST//2.4e-14:200:75//Hs.149290:AI248117

R-OVARC1001032//EST//2.7e-29:304:73//Hs.141733:W80630

R-OVARC1001034//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-09:137:74//Hs.77579:AF013263

R-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds//4.1e-101:501:96//Hs.9899:AF099149

R-OVARC1001040//ESTs//2.9e-87:415:99//Hs.132812:AI032046

R-OVARC1001044//ESTs//1.1e-83:432:96//Hs.55043:N94384

R-OVARC1001051//60S RIBOSOMAL PROTEIN L41//1.2e-16:124:88//Hs.108124:Z12962

R-OVARC1001055//ESTs//2.4e-23:238:76//Hs.141421:H99231

R-OVARC1001062//ESTs//3.4e-92:469:96//Hs.34658:N98652

R-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds//7.3e-97:463:98//Hs.3426:AF082657

R-OVARC1001072//ESTs//1.3e-34:227:89//Hs.126704:W95844

R-OVARC1001074

R-OVARC1001085//Human T-cell leukemia virus enhancer factor//1.0:94:69//Hs.103126:U57029

R-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))//1.4e-96:325:98//Hs.21753:AJ005897

R-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds//3.3e-75:386:95//Hs.26584:AF051782

R-OVARC1001117//Human G protein-coupled receptor (STRL22) mRNA, complete cds//3.9e-37:283:84//Hs.46468:U45984

R-OVARC1001118//ESTs//5.3e-99:485:97//Hs.130815:AA936548

R-OVARC1001129//ESTs//9.8e-66:351:95//Hs.18616:T99312
R-OVARC1001161//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNIN
G ENTRY !!!! [H.sapiens]//2.2e-66:346:95//Hs.53263:AA173226
R-OVARC1001162//EST//1.5e-44:376:80//Hs.161917:AA483223
R-OVARC1001167//ESTs//4.7e-110:548:96//Hs.35254:AI133727
R-OVARC1001169//ESTs//0.22:152:68//Hs.149424:AI274200
R-OVARC1001170//Small inducible cytokine A5 (RANTES)//1.8e-42:305:84//Hs
.155464:AF088219
R-OVARC1001173//EST//2.5e-35:182:84//Hs.161917:AA483223
R-OVARC1001180//Human macrophage-derived chemokine precursor (MDC) mRNA,
complete cds//6.6e-64:247:80//Hs.97203:U83171
R-OVARC1001188//ESTs//4.1e-18:296:69//Hs.139197:AA228343
R-OVARC1001200//ESTs//2.0e-28:207:85//Hs.35121:AA877826
R-OVARC1001232//ESTs//3.2e-61:358:91//Hs.6449:W95025
R-OVARC1001240//ESTs//6.7e-45:316:85//Hs.121675:AA629668
R-OVARC1001243//ESTs//2.3e-86:409:99//Hs.163091:AA742361
R-OVARC1001261//ESTs//0.63:125:64//Hs.155743:AI344166
R-OVARC1001268//ESTs//8.1e-20:113:98//Hs.109477:AA477929
R-OVARC1001270//ESTs//1.5e-107:530:97//Hs.62905:AA460708
R-OVARC1001271//ESTs//4.5e-36:401:72//Hs.20190:AA525532
R-OVARC1001282//EST//4.0e-91:428:99//Hs.145599:AI263113
R-OVARC1001296//ESTs//2.6e-63:301:100//Hs.125753:AA740885
R-OVARC1001306//Homo sapiens mRNA for KIAA0518 protein, partial cds//3.8
e-70:334:100//Hs.23763:AB011090
R-OVARC1001329//Clathrin, light polypeptide (Lcb)//1.3e-68:304:83//Hs.73
919:X81637
R-OVARC1001330//Proline arginine-rich end leucine-rich repeat protein//1
.0:147:63//Hs.76494:U41344
R-OVARC1001339//Small inducible cytokine A5 (RANTES)//5.0e-48:452:76//Hs

.155464:AF088219

R-OVARC1001341//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNIN
G ENTRY !!!! [H.sapiens]//6.9e-85:464:93//Hs.23651:AA650356

R-OVARC1001342//40S RIBOSOMAL PROTEIN S8//4.9e-110:568:95//Hs.118690:X67
247

R-OVARC1001344//EST//3.6e-44:341:81//Hs.162197:AA535216

R-OVARC1001357//TUMOR-ASSOCIATED ANTIGEN L6//9.8e-44:250:93//Hs.3337:M90
657

R-OVARC1001360//ESTs//5.2e-110:534:98//Hs.24743:AA843844

R-OVARC1001369//ESTs//1.7e-98:478:97//Hs.7729:AA830777

R-OVARC1001372//ESTs//2.6e-97:456:99//Hs.153648:AI341415

R-OVARC1001376//Homo sapiens mRNA for KIAA0575 protein, complete cds//1.
1e-53:344:72//Hs.153468:AB011147

R-OVARC1001381//ESTs//5.1e-19:200:66//Hs.114031:AA700958

R-OVARC1001391

R-OVARC1001399//ESTs//0.0039:48:95//Hs.117964:N20913

R-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds//3.2e-111:561:95//
Hs.21586:AB006651

R-OVARC1001419

R-OVARC1001425//EST//5.7e-20:395:66//Hs.159707:AI393136

R-OVARC1001436//ESTs//9.6e-90:427:99//Hs.6982:AA622427

R-OVARC1001442//ESTs//1.1e-66:317:100//Hs.18437:AI206345

R-OVARC1001453//ESTs//2.0e-20:163:84//Hs.133503:AA628592

R-OVARC1001476//EST//0.23:125:66//Hs.71444:AA131700

R-OVARC1001480//ESTs//3.1e-56:181:97//Hs.40109:AA928694

R-OVARC1001489//ESTs//1.0:297:58//Hs.86723:AA393089

R-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete
cds//3.0e-117:585:96//Hs.6534:AF016507

R-OVARC1001506//Small inducible cytokine A5 (RANTES)//1.8e-48:283:90//Hs

.155464:AF088219
R-OVARC1001525//EST//0.80:170:60//Hs.157398:AI364539
R-OVARC1001542//Homo sapiens hJTB mRNA, complete cds//1.6e-111:566:95//Hs.6396:AB016492
R-OVARC1001547//ESTs//5.7e-105:564:93//Hs.68835:AA088388
R-OVARC1001577//Homo sapiens SRp46 splicing factor retropseudogene mRNA//4.4e-20:150:89//Hs.155160:AF031166
R-OVARC1001600//Human mRNA for KIAA0118 gene, partial cds//8.6e-21:282:72//Hs.154326:D42087
R-OVARC1001610//ESTs//4.6e-108:555:95//Hs.44295:N32019
R-OVARC1001611//ESTs//0.0021:117:71//Hs.135568:AA972965
R-OVARC1001615//Homo sapiens KIAA0409 mRNA, partial cds//9.2e-19:114:78//Hs.5158:AB007869
R-OVARC1001668//ESTs//1.0:127:69//Hs.153290:AI022659
R-OVARC1001702//ESTs//4.8e-44:225:97//Hs.96855:AA346854
R-OVARC1001703//ESTs//2.3e-89:426:99//Hs.27099:W60080
R-OVARC1001711//ESTs//1.9e-57:251:99//Hs.9732:AA527784
R-OVARC1001726//ESTs, Highly similar to APICAL PROTEIN [Xenopus laevis]//1.2e-27:236:81//Hs.15485:AA046954
R-OVARC1001731//Tropomyosin 4 (fibroblast)//7.9e-74:422:90//Hs.102824:X05276
R-OVARC1001745//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//1.7e-62:300:83//Hs.144563:AF057280
R-OVARC1001762//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [S.cerevisiae]//6.8e-100:540:92//Hs.117741:AA903456
R-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//1.1e-109:567:94//Hs.155377:U97670
R-OVARC1001767//Homo sapiens mRNA for KIAA0675 protein, complete cds//2.0e-109:529:97//Hs.15869:AB014575

R-OVARC1001768//ESTs//3.5e-59:327:94//Hs.107923:H66127
 R-OVARC1001791//ESTs//1.3e-111:565:96//Hs.6107:AA160604
 R-OVARC1001795//ESTs//2.8e-97:526:93//Hs.72158:AA156978
 R-OVARC1001802//Homo sapiens DEC-205 mRNA, complete cds//4.8e-36:276:81/
 /Hs.153563:AF011333
 R-OVARC1001805//ESTs//4.1e-78:375:98//Hs.126902:AI374688
 R-OVARC1001812//EST//4.8e-45:349:80//Hs.162677:AA604831
 R-OVARC1001813//Homo sapiens mRNA for KIAA0538 protein, partial cds//2.1
 e-15:519:63//Hs.25639:AB011110
 R-OVARC1001820//ESTs//9.5e-50:314:80//Hs.140491:W52705
 R-OVARC1001828//ESTs//0.11:186:63//Hs.29055:AI374621
 R-OVARC1001846//ESTs//0.34:134:66//Hs.152992:AI242160
 R-OVARC1001861//ESTs//2.3e-19:120:92//Hs.42225:N31809
 R-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence//1.9e-
 105:571:91//Hs.25300:AF070611
 R-OVARC1001879//EST//1.3e-24:185:85//Hs.136617:AA630476
 R-OVARC1001880//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.
 2e-49:302:90//Hs.153468:AB011147
 R-OVARC1001883//ESTs//1.0e-51:295:93//Hs.164059:AA447310
 R-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homol
 og (TID1) mRNA, complete cds//1.6e-87:346:90//Hs.6216:AF061749
 R-OVARC1001901//ESTs//6.8e-24:132:98//Hs.130797:AA904435
 R-OVARC1001911//ESTs//1.1e-88:491:92//Hs.32343:W73855
 R-OVARC1001916//ESTs//7.9e-97:491:95//Hs.24989:H97842
 R-OVARC1001928
 R-OVARC1001942//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [
 S.cerevisiae] //2.5e-39:253:88//Hs.117741:AA903456
 R-OVARC1001943//ESTs//9.3e-13:78:100//Hs.143680:W38637
 R-OVARC1001949//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [Homo sap

iens] //8.3e-96:498:94//Hs.22744:AI379892
R-OVARC1001950//EST//1.3e-35:236:81//Hs.132635:AI032875
R-OVARC1001987//ESTs//5.6e-94:514:92//Hs.21148:AI183729
R-OVARC1001989//ESTs//9.7e-46:228:99//Hs.127046:AA935887
R-OVARC1002044//ESTs//3.4e-45:303:85//Hs.132722:AA618531
R-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//4.4
e-109:542:96//Hs.108258:AB007934
R-OVARC1002066//ESTs//8.5e-97:455:99//Hs.135477:AI088556
R-OVARC1002082//Homo sapiens mRNA for KIAA0772 protein, complete cds//8.
1e-47:340:82//Hs.15519:AB018315
R-OVARC1002107//ESTs//5.9e-103:498:98//Hs.157207:AA629860
R-OVARC1002127//ESTs//3.0e-87:419:98//Hs.127833:AI347130
R-OVARC1002138//ESTs, Weakly similar to HYPOTHETICAL 54.7 KD PROTEIN C07
A9.1 IN CHROMOSOME III [Caenorhabditis elegans] //1.7e-102:485:98//Hs.137
516:AA805691
R-OVARC1002143//ESTs//1.3e-79:428:92//Hs.158126:W26825
R-OVARC1002156//ESTs//1.6e-38:198:98//Hs.22957:AA478923
R-OVARC1002158//ESTs//7.3e-81:412:96//Hs.12211:AA908631
R-OVARC1002165//ESTs//1.8e-09:154:72//Hs.49354:AA424160
R-OVARC1002182//ESTs//4.3e-80:465:91//Hs.77067:AA040478
R-PLACE1000004//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTE
IN A [Bacillus subtilis] //7.5e-32:164:99//Hs.144194:AA706337
R-PLACE1000005//EST//0.37:212:60//Hs.127020:AA934920
R-PLACE1000007//Homo sapiens clone 24422 mRNA sequence//3.8e-16:100:97//
Hs.109268:AF070557
R-PLACE1000014//EST//9.6e-44:344:77//Hs.161917:AA483223
R-PLACE1000031//ESTs//2.2e-32:374:70//Hs.117969:H94870
R-PLACE1000040//ESTs//0.00017:316:59//Hs.23342:AI310440
R-PLACE1000048//Human Line-1 repeat mRNA with 2 open reading frames//4.8

e-79:519:86//Hs.23094:M19503
R-PLACE1000050//ESTs//9.7e-90:453:96//Hs.27410:N25612
R-PLACE1000061//Ribosomal protein L37a//5.5e-22:126:97//Hs.1946:L06499
R-PLACE1000066//ESTs, Weakly similar to coded for by C. elegans cDNA yk1
Oc10.3 [C.elegans] //1.4e-61:331:94//Hs.30026:AI356771
R-PLACE1000078//ESTs//2.6e-30:212:85//Hs.89312:AA167659
R-PLACE1000081
R-PLACE1000094
R-PLACE1000133//ESTs//4.4e-87:448:94//Hs.93748:AA884505
R-PLACE1000142//ESTs, Weakly similar to enoyl-CoA hydratase [H.sapiens]/
/5.5e-103:538:94//Hs.9670:AA632135
R-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, compl
ete cds//4.1e-114:594:94//Hs.151017:AF058291
R-PLACE1000185//ESTs, Weakly similar to No definition line found [C.eleg
ans] //2.0e-19:114:95//Hs.7036:W22072
R-PLACE1000213//ESTs//9.4e-99:494:96//Hs.24398:AI262946
R-PLACE1000214//ESTs//5.3e-98:466:98//Hs.28661:AA805916
R-PLACE1000236//Human BENE mRNA, partial cds//1.7e-19:162:84//Hs.85889:U
17077
R-PLACE1000246//EST//0.026:134:66//Hs.135611:Z21545
R-PLACE1000292//ESTs//2.5e-80:418:96//Hs.138233:N57912
R-PLACE1000332//EST//1.7e-82:422:96//Hs.118637:T61940
R-PLACE1000347//ESTs//8.5e-36:180:100//Hs.6377:AA632424
R-PLACE1000374//ESTs//2.8e-90:434:98//Hs.161785:AI423126
R-PLACE1000380//ESTs//1.0e-81:399:97//Hs.47105:AI334994
R-PLACE1000383//ESTs//3.7e-75:405:94//Hs.23200:AA203708
R-PLACE1000401//ESTs//1.4e-16:212:72//Hs.151665:AA020959
R-PLACE1000406//ESTs//2.1e-51:259:97//Hs.129651:N53089
R-PLACE1000420//ESTs//7.7e-92:471:95//Hs.144407:AA737799

R-PLACE1000421//ESTs//2.9e-14:282:67//Hs.142068:AA176125
 R-PLACE1000424//EST//2.9e-35:453:70//Hs.162404:AA573131
 R-PLACE1000435//Homo sapiens protein phosphatase with EF-hands-2 long form (PPEF-2) mRNA, complete cds//1.6e-47:472:77//Hs.113259:AF023456
 R-PLACE1000444//ESTs, Moderately similar to platelet glycoprotein IIb precursor [H.sapiens]//2.0e-58:410:81//Hs.97579:AA398118
 R-PLACE1000453//ESTs//2.3e-85:442:95//Hs.9725:AA039793
 R-PLACE1000481//ESTs, Weakly similar to Ndr protein kinase [H.sapiens]//3.2e-109:549:95//Hs.19074:U69566
 R-PLACE1000492//ESTs, Highly similar to vacuolar protein sorting homolog r-vps33b [R.norvegicus]//3.5e-83:435:94//Hs.26510:AA700425
 R-PLACE1000540//ESTs//3.2e-58:281:99//Hs.118270:AA844729
 R-PLACE1000547//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.2e-32:208:88//Hs.153026:AB014540
 R-PLACE1000562//ESTs, Weakly similar to HYPOTHETICAL 23.0 KD PROTEIN IN IXR1-TFA1 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-26:220:81//Hs.163791:W25348
 R-PLACE1000564//ESTs//1.1e-54:302:92//Hs.158520:AI380485
 R-PLACE1000583//Human mRNA for KIAA0355 gene, complete cds//5.5e-43:404:75//Hs.153014:AB002353
 R-PLACE1000588//Guanylate binding protein 1, interferon-inducible, 67kD//6.1e-79:542:82//Hs.62661:M55542
 R-PLACE1000596//ESTs//0.0028:364:59//Hs.106090:AA457030
 R-PLACE1000599//Human mRNA for KIAA0118 gene, partial cds//4.3e-49:295:90//Hs.154326:D42087
 R-PLACE1000610//ESTs//0.0010:104:74//Hs.17413:N45301
 R-PLACE1000636//ESTs//1.8e-64:340:95//Hs.100895:AA479308
 R-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//5.3e-101:506:96//Hs.5819:AF102265

R-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone I
MAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin))//1.4e-102:559:92//Hs.2959
5:AJ005896

R-PLACE1000706//Homo sapiens transcription intermediary factor 1 (TIF1)
mRNA, complete cds//2.8e-10:281:64//Hs.128763:AF009353

R-PLACE1000712//ESTs//7.8e-60:317:95//Hs.8245:AA115485

R-PLACE1000716

R-PLACE1000748//ESTs//8.9e-87:466:93//Hs.25245:AA176701

R-PLACE1000749//EST//0.019:186:61//Hs.135443:AI077396

R-PLACE1000755//ESTs, Weakly similar to HYPOTHETICAL HELICASE K12H4.8 IN
CHROMOSOME III [C.elegans]//3.9e-40:224:94//Hs.87889:AA262008

R-PLACE1000769//Homo sapiens clone 24566 mRNA sequence//6.5e-27:531:66//
Hs.133342:AF070536

R-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds//8.5
e-103:513:96//Hs.31921:AB014548

R-PLACE1000786//ESTs//5.2e-93:449:97//Hs.58389:W74482

R-PLACE1000793//H.sapiens mRNA for chemokine HCC-1//0.88:201:60//Hs.2014
4:AF088219

R-PLACE1000798//ESTs//1.1e-97:508:94//Hs.139119:N32189

R-PLACE1000841//ESTs, Highly similar to guanine nucleotide regulatory pr
otein [H.sapiens]//7.7e-31:220:86//Hs.117576:R33135

R-PLACE1000849//ESTs//1.8e-87:459:94//Hs.43100:AA186588

R-PLACE1000856//ESTs//0.0084:224:59//Hs.145906:AI275039

R-PLACE1000863//ESTs, Highly similar to PUTATIVE 40S RIBOSOMAL PROTEIN
YHR148W [Saccharomyces cerevisiae]//2.2e-92:467:95//Hs.6118:AI141558

R-PLACE1000909//ESTs//4.7e-89:435:97//Hs.95744:AI392846

R-PLACE1000931//EST//1.9e-28:261:73//Hs.135545:AI097091

R-PLACE1000948//ESTs//0.034:329:58//Hs.114851:AA608697

R-PLACE1000972//EST//3.3e-24:264:74//Hs.130321:AI002941

R-PLACE1000977//EST//0.085:153:65//Hs.131646:AI025689
 R-PLACE1000979
 R-PLACE1001000//ESTs//4.7e-56:284:96//Hs.117978:AA810725
 R-PLACE1001007//ESTs, Moderately similar to MNK1 [H.sapiens] //5.2e-63:34
 3:93//Hs.5662:AA868361
 R-PLACE1001010//EST//0.96:53:71//Hs.96973:AA351146
 R-PLACE1001015//Oxytocin receptor//2.8e-25:308:71//Hs.2820:X64878
 R-PLACE1001024//ESTs//5.0e-12:79:96//Hs.97910:AA404736
 R-PLACE1001036//ESTs//4.0e-15:301:65//Hs.137947:AI025762
 R-PLACE1001062//ESTs//5.2e-15:199:73//Hs.138982:AA056120
 R-PLACE1001076//ESTs//3.9e-84:406:98//Hs.115455:AA678124
 R-PLACE1001088//ESTs//3.0e-106:518:97//Hs.158964:AA639580
 R-PLACE1001092//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.035:259
 :59//Hs.31575:AF100141
 R-PLACE1001104//ESTs//6.1e-115:582:95//Hs.10972:AA164268
 R-PLACE1001118//ESTs//6.9e-81:440:93//Hs.5383:AA913610
 R-PLACE1001136//ESTs//7.4e-41:168:83//Hs.95115:AA206594
 R-PLACE1001168//ESTs//3.9e-21:116:99//Hs.5897:AA148834
 R-PLACE1001171//ESTs, Highly similar to CYTOCHROME B-245 LIGHT CHAIN [H.
 sapiens] //0.91:77:71//Hs.115211:AA287527
 R-PLACE1001185//ESTs//1.5e-65:330:96//Hs.26368:AA789297
 R-PLACE1001238//ESTs, Moderately similar to RNA polymerase I associated
 factor [M.musculus] //1.9e-99:512:94//Hs.24884:AA176812
 R-PLACE1001241//ESTs//1.1e-81:446:93//Hs.42278:AI073464
 R-PLACE1001257//EST//6.4e-46:298:87//Hs.162404:AA573131
 R-PLACE1001272//ESTs//0.31:158:61//Hs.42960:N95371
 R-PLACE1001279//ESTs//1.8e-77:376:97//Hs.29276:AA427780
 R-PLACE1001280//ESTs//1.1e-30:134:89//Hs.163492:AI334460
 R-PLACE1001294//ESTs, Moderately similar to GAMETOGENESIS EXPRESSED PROT

EIN GEG-154 [M.musculus]//2.7e-22:181:84//Hs.48320:AA149548
R-PLACE1001304//ESTs, Weakly similar to ZINC FINGER PROTEIN 135 [H.sapie
ns]//4.2e-34:195:92//Hs.86276:W27601
R-PLACE1001311//ESTs//9.1e-91:438:97//Hs.41055:AI339056
R-PLACE1001323//Human transmembrane 4 superfamily protein (SAS) mRNA, co
mplete cds//5.5e-44:215:86//Hs.50984:U01160
R-PLACE1001351//ESTs//2.4e-101:494:97//Hs.23944:AI097077
R-PLACE1001366//Small inducible cytokine A5 (RANTES)//8.7e-43:284:85//Hs
.155464:AF088219
R-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//2.3e-81
:431:93//Hs.152005:AF009615
R-PLACE1001383//Homo sapiens clone 24538 mRNA sequence//1.0e-36:192:97//
Hs.12342:AF055030
R-PLACE1001384//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA
, complete cds//1.0e-86:456:94//Hs.21301:AF093419
R-PLACE1001387//ESTs//6.0e-74:383:94//Hs.55016:AI298280
R-PLACE1001395//ESTs//2.3e-94:473:95//Hs.22394:N32555
R-PLACE1001399//ESTs//2.6e-41:204:100//Hs.24462:N36348
R-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence//
2.6e-45:242:95//Hs.110404:AF091087
R-PLACE1001414//ESTs//0.0013:77:75//Hs.144614:AA291800
R-PLACE1001440
R-PLACE1001456//EST//0.76:120:62//Hs.34011:H48115
R-PLACE1001468//ESTs//4.0e-80:403:96//Hs.131832:AI017547
R-PLACE1001484//ESTs//3.0e-16:201:72//Hs.153413:AI248625
R-PLACE1001502//ESTs//8.1e-31:161:99//Hs.126264:AA455617
R-PLACE1001503//ESTs//2.4e-37:176:81//Hs.141581:AA315361
R-PLACE1001517//Homo sapiens hGAA1 mRNA, complete cds//2.1e-57:339:90//H
s.4742:AB006969

R-PLACE1001534//ESTs//3.6e-61:304:97//Hs.45207:AI042153
R-PLACE1001545//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//1.6e-22:170:85//Hs.155456:AA707265
R-PLACE1001551//ESTs//1.5e-39:202:98//Hs.139269:AA894431
R-PLACE1001570//EST//1.1e-70:495:82//Hs.144234:W52249
R-PLACE1001602//EST//0.33:297:57//Hs.149839:AI287601
R-PLACE1001603//ESTs//2.0e-17:181:76//Hs.155334:AA827904
R-PLACE1001610//EST//1.1e-86:442:95//Hs.112580:AA608683
R-PLACE1001611//Homo sapiens histone macroH2A1.2 mRNA, complete cds//1.1
e-42:217:97//Hs.75258:AF054174
R-PLACE1001632//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sa
piens]//1.5e-78:458:91//Hs.114547:AA167095
R-PLACE1001634//ESTs//0.0035:40:97//Hs.101577:AI168526
R-PLACE1001640//ESTs//0.0028:377:57//Hs.131044:D61640
R-PLACE1001672//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//0.98:141:62//Hs.153060:AA195804
R-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
-18) mRNA, complete cds//4.7e-113:545:97//Hs.3688:AF069250
R-PLACE1001692//EST//3.0e-43:430:75//Hs.162975:AA679124
R-PLACE1001705//ESTs//3.0e-81:418:94//Hs.22646:AI374903
R-PLACE1001716//EST//0.76:150:62//Hs.128906:AA983667
R-PLACE1001720//ESTs//2.4e-64:385:90//Hs.60455:AA010993
R-PLACE1001729//ESTs//2.9e-84:418:96//Hs.134740:AA282171
R-PLACE1001739//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//9.1e-32
:206:89//Hs.6366:AA614113
R-PLACE1001740//EST//6.5e-05:113:68//Hs.139949:AA644266
R-PLACE1001745//ESTs//3.3e-92:473:95//Hs.104270:AA236479
R-PLACE1001746//ESTs//8.8e-93:443:98//Hs.112198:AI423937
R-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds/

/4.1e-93:540:89//Hs.4812:AF061243
R-PLACE1001756//ESTs//0.17:157:66//Hs.141565:N64662
R-PLACE1001761
R-PLACE1001771//ESTs//0.92:165:62//Hs.47387:N51980
R-PLACE1001781//ESTs//5.7e-84:437:95//Hs.23363:AA081236
R-PLACE1001799//EST//0.00039:126:65//Hs.123267:AA807352
R-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta s
ubunit (SCS) mRNA, partial cds//1.3e-93:463:95//Hs.40820:AF058953
R-PLACE1001821//Small inducible cytokine A5 (RANTES)//2.7e-35:328:75//Hs
.155464:AF088219
R-PLACE1001845
R-PLACE1001869//EST//1.0:207:62//Hs.137298:W32868
R-PLACE1001897//ESTs//2.4e-23:219:80//Hs.7503:H50009
R-PLACE1001912//ESTs//1.5e-32:162:78//Hs.136810:AA789098
R-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cd
s//3.9e-74:363:97//Hs.17839:AF099936
R-PLACE1001928//Homo sapiens mRNA for KIAA0623 protein, complete cds//0.
85:130:66//Hs.151406:AB014523
R-PLACE1001983//ESTs//2.8e-66:334:96//Hs.110155:AA007313
R-PLACE1001989//ESTs//1.3e-88:453:95//Hs.132717:AA171941
R-PLACE1002046
R-PLACE1002052//ESTs//1.7e-79:428:94//Hs.6737:N32595
R-PLACE1002066//ESTs//2.8e-82:427:94//Hs.132972:AA543094
R-PLACE1002072//ESTs//0.27:108:66//Hs.123163:AA809619
R-PLACE1002073//EST//5.5e-70:369:95//Hs.132339:AI028552
R-PLACE1002090//ESTs//6.3e-73:361:96//Hs.134469:AA731632
R-PLACE1002115//ESTs//4.6e-34:233:88//Hs.163443:R23311
R-PLACE1002119//ESTs//1.2e-88:444:96//Hs.15725:AA521293
R-PLACE1002140//ESTs//6.6e-22:118:100//Hs.22793:W91937

R-PLACE1002150//ESTs//4.0e-96:465:98//Hs.7312:AI167614
R-PLACE1002157//EST, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMO
LOG [H.sapiens]//3.6e-39:400:76//Hs.162172:AA534189
R-PLACE1002163//ESTs//3.2e-83:428:95//Hs.137011:AI185965
R-PLACE1002171//ESTs//5.3e-68:392:90//Hs.62273:AA143745
R-PLACE1002205//ESTs//1.5e-39:211:95//Hs.28338:N48793
R-PLACE1002213//ESTs//5.1e-38:290:83//Hs.146811:AA410788
R-PLACE1002227//EST//1.3e-14:214:72//Hs.46979:N49892
R-PLACE1002256//ESTs//2.4e-100:484:98//Hs.9343:AI004257
R-PLACE1002259//Human Line-1 repeat mRNA with 2 open reading frames//5.8
e-67:501:81//Hs.23094:M19503
R-PLACE1002319//ESTs//1.4e-28:178:92//Hs.7353:AA209308
R-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds//1.6
e-95:501:93//Hs.18277:AB018271
R-PLACE1002395//ESTs//3.6e-25:248:77//Hs.3853:AA034291
R-PLACE1002399//ESTs//1.5e-27:238:78//Hs.13014:W26381
R-PLACE1002433//ESTs//4.3e-108:511:98//Hs.98324:AA621959
R-PLACE1002437//EST//1.2e-06:158:61//Hs.159833:T24110
R-PLACE1002438//Sjogren syndrome antigen B (autoantigen La)//0.93:176:60
//Hs.83715:X69804
R-PLACE1002450//ESTs//1.5e-89:432:98//Hs.47371:AA136333
R-PLACE1002465//ESTs//1.6e-92:488:93//Hs.78110:AA741320
R-PLACE1002474//Human matrilin-2 precursor mRNA, partial cds//4.9e-23:16
6:85//Hs.19368:U69263
R-PLACE1002477//ESTs//2.5e-62:305:98//Hs.88605:AA421132
R-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STA
M2) mRNA, complete cds//3.6e-55:307:91//Hs.17200:AF042273
R-PLACE1002499//ESTs//7.4e-72:373:96//Hs.128221:AA972429
R-PLACE1002500//Homo sapiens KIAA0409 mRNA, partial cds//1.2e-40:296:83/

/Hs.5158:AB007869

R-PLACE1002514//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB1 WARNING E
NTRY !!!! [H.sapiens] //6.4e-14:217:69//Hs.152230:AI140609

R-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds//5.1
e-88:582:85//Hs.88756:AB018256

R-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1//2.7e-19
:116:93//Hs.99348:AC004774

R-PLACE1002537//ESTs//4.8e-93:440:99//Hs.164005:AA766491

R-PLACE1002571//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosoph
ila melanogaster] //1.3e-108:555:95//Hs.23259:AA532437

R-PLACE1002578//EST//1.9e-40:337:81//Hs.162404:AA573131

R-PLACE1002583//EST//1.2e-07:264:65//Hs.156414:AI339738

R-PLACE1002591//ESTs//2.3e-67:372:94//Hs.143046:N73778

R-PLACE1002598//ESTs, Highly similar to PROTEIN HI1715 [Haemophilus inf
luenzae] //1.2e-44:228:97//Hs.7527:AA843208

R-PLACE1002604//ESTs//3.3e-106:532:96//Hs.86828:AA632147

R-PLACE1002625//EST//3.8e-13:173:74//Hs.138597:H77749

R-PLACE1002665//Small inducible cytokine A4 (homologous to mouse Mip-1b)
//1.0:189:58//Hs.75703:J04130

R-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternativ
ely spliced, complete cds//3.8e-79:390:97//Hs.124903:AF068180

R-PLACE1002714//ESTs//8.2e-63:340:93//Hs.7973:H19830

R-PLACE1002722//ESTs, Weakly similar to putative G-protein-coupled recep
tor [H.sapiens] //6.8e-75:445:90//Hs.29202:R71586

R-PLACE1002768//ESTs//1.2e-70:359:95//Hs.132600:H12865

R-PLACE1002772//ESTs//8.1e-49:362:82//Hs.141254:AI334099

R-PLACE1002782//ESTs//2.4e-58:284:98//Hs.143545:AI149014

R-PLACE1002794//ESTs//5.4e-21:114:100//Hs.77365:W93593

R-PLACE1002811//ESTs//6.7e-68:329:98//Hs.78026:AA456955

R-PLACE1002815//ESTs//6.8e-103:537:93//Hs.5459:AI304392
R-PLACE1002816//ESTs//3.9e-05:118:68//Hs.98641:AA429916
R-PLACE1002834//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sapiens] //2.1e-42:233:94//Hs.61518:AA167094
R-PLACE1002839//ESTs//1.7e-10:292:64//Hs.93012:R96142
R-PLACE1002851//ESTs//1.7e-73:381:95//Hs.135021:AI096756
R-PLACE1002853//ESTs//1.2e-89:453:96//Hs.23630:N57539
R-PLACE1002881//ESTs//1.1e-71:360:96//Hs.34392:AI066762
R-PLACE1002908//EST//2.7e-31:177:94//Hs.147925:AI249332
R-PLACE1002941//ESTs//4.0e-96:519:92//Hs.125139:AA523995
R-PLACE1002962
R-PLACE1002968//ESTs//4.7e-31:420:69//Hs.116518:AA653202
R-PLACE1002991//ESTs//9.0e-81:418:95//Hs.132717:AA171941
R-PLACE1002993//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB WARNING ENTRY !!!! [H.sapiens] //1.3e-86:502:89//Hs.32232:AA604268
R-PLACE1002996//ESTs//1.9e-44:218:100//Hs.63657:AI144268
R-PLACE1003025//ESTs//8.4e-104:517:96//Hs.10711:AI151499
R-PLACE1003027//Human mRNA for KIAA0238 gene, partial cds//0.97:156:60//Hs.82042:D87075
R-PLACE1003044//Human onconeural ventral antigen-1 (Nova-1) mRNA, complete cds//1.0:200:63//Hs.214:U04840
R-PLACE1003092//ESTs//0.0046:267:60//Hs.133095:AA927777
R-PLACE1003100//ESTs, Highly similar to NODULATION PROTEIN G [Rhizobium meliloti] //9.5e-94:491:93//Hs.6318:AI131178
R-PLACE1003108//ESTs//0.00065:184:66//Hs.154366:AA527359
R-PLACE1003136//Signal recognition particle 54 kD protein//0.057:317:59//Hs.49346:U51920
R-PLACE1003145//ESTs//1.9e-98:534:92//Hs.61929:AA044757
R-PLACE1003153//ESTs//5.8e-76:367:98//Hs.105196:AA483467

R-PLACE1003174//ESTs//1.7e-44:226:98//Hs.59688:AA453924
R-PLACE1003176
R-PLACE1003190//ESTs//1.6e-74:356:99//Hs.121282:AI091453
R-PLACE1003200//ESTs//4.6e-93:461:96//Hs.24321:AA971017
R-PLACE1003205//ESTs//0.037:171:61//Hs.157077:H44802
R-PLACE1003238//ESTs, Weakly similar to KIAA0001 [H.sapiens]//2.5e-82:43
6:94//Hs.58561:W79123
R-PLACE1003249//Human high-affinity copper uptake protein (hCTR1) mRNA,
complete cds//7.9e-44:313:84//Hs.73614:U83460
R-PLACE1003256//EST//9.6e-46:284:88//Hs.162404:AA573131
R-PLACE1003258//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//8.3e-102:551:92//Hs.52431:AA625326
R-PLACE1003296//ESTs//1.9e-88:451:96//Hs.57749:W92986
R-PLACE1003302//ESTs, Highly similar to ZINC FINGER PROTEIN 43 [Homo sa
piens]//8.2e-93:458:96//Hs.29147:AA883993
R-PLACE1003334//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !
!!! [H.sapiens]//3.3e-94:463:97//Hs.155050:AA908765
R-PLACE1003342//ESTs//6.0e-88:447:96//Hs.107527:R66438
R-PLACE1003343//EST//0.0087:412:58//Hs.159963:AA977701
R-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 pro
tein (BCAR3) mRNA, complete cds//1.1e-99:469:98//Hs.6564:U92715
R-PLACE1003361//ESTs//3.5e-64:332:95//Hs.163861:AI199636
R-PLACE1003366//ESTs//1.0e-87:492:92//Hs.72222:AA158234
R-PLACE1003369//ESTs, Weakly similar to ZK1058.4 [C.elegans]//3.5e-18:10
9:95//Hs.27670:AI051591
R-PLACE1003373//Homo sapiens mRNA for KIAA0472 protein, partial cds//2.6
e-54:279:80//Hs.6874:AB007941
R-PLACE1003375//ESTs//1.7e-88:431:97//Hs.41327:AI039909
R-PLACE1003383//ESTs//0.00084:177:64//Hs.120695:AI377755

R-PLACE1003401//ESTs//1.1e-16:147:80//Hs.132187:AI039020
 R-PLACE1003420//ESTs//1.4e-93:481:94//Hs.122565:AI126840
 R-PLACE1003454//ESTs//4.0e-57:310:93//Hs.121688:AA743697
 R-PLACE1003478//EST//1.0:162:63//Hs.147003:AI184671
 R-PLACE1003493//ESTs//1.2e-73:383:95//Hs.28852:R64270
 R-PLACE1003516//ESTs//3.2e-23:206:80//Hs.138632:H97952
 R-PLACE1003519//H.sapiens hnRNP-E1 mRNA//1.7e-22:236:79//Hs.2853:Z29505
 R-PLACE1003521//ESTs//5.8e-74:371:96//Hs.30818:AA194980
 R-PLACE1003528//ESTs//1.1e-40:219:82//Hs.138856:H47461
 R-PLACE1003537//ESTs, Weakly similar to multispanning membrane protein [H.sapiens] //7.4e-69:338:98//Hs.110439:N93209
 R-PLACE1003553//ESTs//2.2e-87:438:97//Hs.132022:AI040321
 R-PLACE1003566//ESTs//1.2e-62:298:92//Hs.30799:AI052591
 R-PLACE1003575//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.4e-22:145:80//Hs.92381:AB007956
 R-PLACE1003583//ESTs, Weakly similar to hypothetical L1 protein [H.sapiens] //1.5e-14:264:65//Hs.158253:R86178
 R-PLACE1003584
 R-PLACE1003592//ESTs//1.3e-15:213:69//Hs.139507:T77542
 R-PLACE1003593//ESTs, Highly similar to FRG1 gene product [H.sapiens] //5.8e-75:459:89//Hs.23884:AI377106
 R-PLACE1003596//ESTs//0.011:273:61//Hs.71719:AA142875
 R-PLACE1003602//Homo sapiens mRNA expressed in placenta//7.8e-97:576:88//Hs.56851:D83200
 R-PLACE1003605//ESTs//3.7e-86:407:99//Hs.136057:AA988299
 R-PLACE1003611//ESTs//1.0:78:71//Hs.101248:T26446
 R-PLACE1003618//ESTs//6.8e-30:281:79//Hs.114455:AA411943
 R-PLACE1003625//ESTs//7.2e-78:377:98//Hs.102708:AA292285
 R-PLACE1003638//ESTs//6.7e-38:274:82//Hs.138852:AA284247

R-PLACE1003669//ESTs//9.7e-83:418:95//Hs.4842:AI342607
 R-PLACE1003704//ESTs//3.0e-13:99:89//Hs.81648:W26521
 R-PLACE1003709//ESTs//0.019:178:60//Hs.32100:N59866
 R-PLACE1003711//ESTs//0.99:126:63//Hs.47005:N98639
 R-PLACE1003723//ESTs//1.7e-89:448:96//Hs.157222:AA766987
 R-PLACE1003738//ESTs//2.5e-36:182:100//Hs.122162:AI057087
 R-PLACE1003760//Human globin gene//1.9e-98:538:91//Hs.100090:M69023
 R-PLACE1003762//EST//2.9e-15:125:85//Hs.162083:AA487512
 R-PLACE1003768//Human P042 gene, complete cds//3.1e-18:300:69//Hs.158302
 :U88965
 R-PLACE1003771//ESTs//1.2e-09:64:100//Hs.23799:AI003798
 R-PLACE1003783//ESTs, Weakly similar to D2085.5 [C.elegans]//3.8e-38:199
 :97//Hs.115197:AA215757
 R-PLACE1003784//ESTs//3.7e-87:428:97//Hs.157985:AI366909
 R-PLACE1003795//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.
 2e-36:236:88//Hs.153468:AB011147
 R-PLACE1003833//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
 G ENTRY !!!! [H.sapiens]//8.5e-62:313:96//Hs.121020:AA526092
 R-PLACE1003850//ESTs//4.0e-67:351:96//Hs.159303:T91059
 R-PLACE1003858//ESTs//0.96:87:66//Hs.107112:AA679058
 R-PLACE1003864
 R-PLACE1003870//EST//2.9e-34:281:79//Hs.160895:AI365871
 R-PLACE1003885
 R-PLACE1003886//ESTs//6.7e-85:410:97//Hs.25129:W93595
 R-PLACE1003888//ESTs//0.0085:165:64//Hs.96739:AA441915
 R-PLACE1003900//EST//2.4e-05:129:69//Hs.127931:AA969259
 R-PLACE1003903//ESTs, Highly similar to CTP SYNTHASE [Homo sapiens]//1.
 5e-54:282:96//Hs.58553:AA100804
 R-PLACE1003915//EST//0.87:55:76//Hs.145930:AI275760

R-PLACE1003923//ESTs//1.7e-89:456:95//Hs.14125:AA156236
 R-PLACE1003932//ESTs//3.0e-50:340:84//Hs.151208:AI126110
 R-PLACE1003936//EST//1.8e-08:208:65//Hs.162656:AA603567
 R-PLACE1003968//ESTs//7.4e-49:301:90//Hs.93850:AA115330
 R-PLACE1004104//ESTs//1.9e-46:254:94//Hs.96802:AA443231
 R-PLACE1004114//ESTs//1.2e-64:322:97//Hs.28928:AI052052
 R-PLACE1004118//ESTs//1.0e-83:404:98//Hs.112764:AA609770
 R-PLACE1004128//ESTs//5.3e-80:415:95//Hs.11835:AA040244
 R-PLACE1004149//ESTs//7.2e-25:331:72//Hs.141084:H11714
 R-PLACE1004156//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.0e-56:49
 1:76//Hs.113283:AF018080
 R-PLACE1004161//ESTs//2.0e-59:355:88//Hs.13830:AA918601
 R-PLACE1004183//Homo sapiens cytochrome c oxidase assembly protein COX11
 (COX11) mRNA, complete cds//4.7e-78:434:91//Hs.153504:AF044321
 R-PLACE1004197
 R-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor,
 mRNA, complete cds//1.5e-105:501:98//Hs.24640:AF069493
 R-PLACE1004242//ESTs//1.0e-71:364:87//Hs.138632:H97952
 R-PLACE1004256//EST//0.0011:347:61//Hs.131385:AI022630
 R-PLACE1004257//EST//0.027:99:71//Hs.97587:AA398209
 R-PLACE1004258//KERATIN, TYPE I CYTOSKELETAL 14//0.72:180:63//Hs.117729:
 J00124
 R-PLACE1004270//ESTs//0.011:264:59//Hs.110044:AA181800
 R-PLACE1004274//Human retinoic acid receptor-beta associated open reading
 frame, complete sequence//0.28:121:66//Hs.1938:S82362
 R-PLACE1004277//Homo sapiens two pore domain K+ channel (TASK-2) mRNA, c
 omplete cds//1.4e-107:581:91//Hs.127007:AF084830
 R-PLACE1004284//ESTs//5.0e-22:187:82//Hs.23141:W92114
 R-PLACE1004289//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT

RY !!!! [H.sapiens] //2.9e-28:279:77//Hs.38687:AA744496
 R-PLACE1004302//ESTs, Weakly similar to SOF1 PROTEIN [Saccharomyces cerevisiae] //8.2e-61:313:95//Hs.71435:AI253099
 R-PLACE1004316//H.sapiens mRNA for apoptosis specific protein//6.0e-115:590:94//Hs.11171:Y11588
 R-PLACE1004336//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//6.7e-69:572:77//Hs.1361:M55053
 R-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds//7.7e-72:379:93//Hs.16232:AF100153
 R-PLACE1004376//ESTs//0.49:362:59//Hs.138086:AI056309
 R-PLACE1004384//EST//1.0:47:76//Hs.128546:AA905556
 R-PLACE1004388//ESTs, Weakly similar to contains similarity to ATP/GTP-binding site motif [C.elegans] //1.3e-98:572:90//Hs.14202:N46000
 R-PLACE1004405//ESTs//3.4e-99:507:95//Hs.28792:AI343467
 R-PLACE1004425//ESTs//2.7e-85:442:95//Hs.12544:N53665
 R-PLACE1004428//ESTs//1.0e-07:114:78//Hs.140225:AA704101
 R-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds//9.4e-90:516:88//Hs.155410:U49283
 R-PLACE1004451
 R-PLACE1004460//ESTs//5.4e-14:338:64//Hs.97464:AA662980
 R-PLACE1004467//ESTs//3.3e-85:467:92//Hs.9527:W52721
 R-PLACE1004471//ESTs//3.0e-73:389:94//Hs.23240:R46578
 R-PLACE1004473//ESTs, Weakly similar to F20D1.2 [C.elegans] //3.8e-101:510:95//Hs.16986:W89194
 R-PLACE1004491//Human mitochondrial 1,25-dihydroxyvitamin D3 24-hydroxylase mRNA, complete cds//0.23:278:61//Hs.89663:L13286
 R-PLACE1004506//ESTs//2.5e-98:559:90//Hs.19447:AI057117
 R-PLACE1004510//ESTs//1.5e-91:436:98//Hs.24846:AI420493

R-PLACE1004516//EST//1.7e-66:344:96//Hs.99303:AA453164
R-PLACE1004518//ESTs//5.2e-79:410:94//Hs.27091:AA436553
R-PLACE1004548//Homo sapiens mRNA for small GTP-binding protein, complete cds//1.8e-40:332:72//Hs.115325:D84488
R-PLACE1004550
R-PLACE1004564//ESTs//5.5e-76:367:98//Hs.49683:AA564742
R-PLACE1004629//ESTs, Weakly similar to OS-9 precursor [H.sapiens]//8.1e-40:272:87//Hs.7100:W07181
R-PLACE1004645//ESTs//6.3e-14:83:100//Hs.17270:AA701903
R-PLACE1004646//ESTs//3.7e-22:231:76//Hs.141250:N29734
R-PLACE1004658//ESTs//2.0e-12:109:84//Hs.23508:AA101113
R-PLACE1004664//Homo sapiens mRNA for KIAA0714 protein, partial cds//7.8e-23:129:99//Hs.123129:AB018257
R-PLACE1004672//ESTs//2.0e-50:256:98//Hs.136367:AI144254
R-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds//1.8e-90:510:91//Hs.80019:AF035606
R-PLACE1004681//EST//2.1e-08:283:62//Hs.99543:AA461482
R-PLACE1004686
R-PLACE1004691//EST//7.3e-42:305:82//Hs.141833:AA021552
R-PLACE1004693//ESTs//0.014:135:64//Hs.145333:AI251374
R-PLACE1004716//ESTs, Weakly similar to No definition line found [C.elegans]//3.4e-80:413:94//Hs.23528:AI279571
R-PLACE1004722//EST//0.14:165:63//Hs.18213:T97997
R-PLACE1004736//ESTs//1.0e-72:385:94//Hs.10657:N63911
R-PLACE1004740//ESTs//1.0:267:58//Hs.101661:AA416619
R-PLACE1004743//EST//0.45:94:69//Hs.147174:AI192195
R-PLACE1004751//EST//9.8e-32:174:83//Hs.147901:AI223374
R-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds//2.7e-89:437:96//Hs.104715:AF084367

R-PLACE1004777//ESTs//7.4e-68:351:94//Hs.23395:AA398548
 R-PLACE1004793//ESTs//1.3e-53:290:78//Hs.142375:AA398619
 R-PLACE1004804//Homo sapiens mRNA for KIAA0606 protein, partial cds//1.9
 e-99:580:88//Hs.38176:AB011178
 R-PLACE1004813//ESTs//7.6e-86:433:96//Hs.85640:AA535856
 R-PLACE1004814//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
 -18) mRNA, complete cds//1.1e-108:358:99//Hs.3688:AF069250
 R-PLACE1004815//EST//4.7e-50:333:84//Hs.142196:AA258356
 R-PLACE1004824//Protein kinase, interferon-inducible double stranded RNA
 dependent//4.8e-46:450:76//Hs.73821:M35663
 R-PLACE1004827//ESTs//2.3e-48:250:96//Hs.138766:AA342185
 R-PLACE1004836//ESTs//2.7e-39:222:94//Hs.78661:AA195299
 R-PLACE1004838//EST//0.056:198:60//Hs.129589:AA995901
 R-PLACE1004840//ESTs, Highly similar to TRANSCRIPTIONAL ACTIVATOR GCN5
 [Saccharomyces cerevisiae]//6.5e-71:381:93//Hs.8383:AA013272
 R-PLACE1004868//ESTs//4.9e-70:367:94//Hs.100895:AA479308
 R-PLACE1004885//Homo sapiens protein phosphatase with EF-hands-2 long fo
 rm (PPEF-2) mRNA, complete cds//1.8e-37:330:78//Hs.113259:AF023456
 R-PLACE1004900//EST//1.2e-46:306:86//Hs.149580:AI281881
 R-PLACE1004902//Sucrase-isomaltase//0.87:254:61//Hs.2996:X63597
 R-PLACE1004913//ESTs//4.5e-75:375:96//Hs.91115:AI221563
 R-PLACE1004918//ESTs//2.6e-103:519:95//Hs.143607:AI424948
 R-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cd
 s//6.6e-102:532:93//Hs.17839:AF099936
 R-PLACE1004934//EST//0.035:156:67//Hs.162071:AA478980
 R-PLACE1004937//ESTs, Weakly similar to F55B12.3 [C.elegans]//6.4e-80:40
 9:95//Hs.31945:AA702166
 R-PLACE1004969//ESTs//9.8e-18:101:99//Hs.112837:N78013
 R-PLACE1004972//ESTs//1.3e-65:337:95//Hs.75798:H29106

R-PLACE1004979//EST//1.2e-96:475:96//Hs.120158:AA708789
 R-PLACE1004982//ESTs//1.0e-98:471:98//Hs.106496:AI291776
 R-PLACE1004985//ESTs//2.1e-88:456:93//Hs.135050:AI420335
 R-PLACE1005026
 R-PLACE1005027//ESTs, Weakly similar to N-methyl-D-aspartate receptor gl
 utamate-binding chain [R.norvegicus] //0.72:145:66//Hs.11215:N56719
 R-PLACE1005046//Homo sapiens mRNA for KIAA0575 protein, complete cds//5.
 3e-66:297:88//Hs.153468:AB011147
 R-PLACE1005052//ESTs, Weakly similar to weak similarity to rat cytosolic
 acyl coenzyme A thioester hydrolase [C.elegans] //1.2e-106:543:95//Hs.18
 625:AI074605
 R-PLACE1005066//ESTs//3.9e-92:459:96//Hs.62684:AA806103
 R-PLACE1005077//Human triadin mRNA, complete cds//1.8e-05:121:69//Hs.687
 31:U18985
 R-PLACE1005085//Homo sapiens PYRIN (MEFV) mRNA, complete cds//6.6e-49:31
 4:74//Hs.113283:AF018080
 R-PLACE1005086//ESTs//1.2e-73:379:94//Hs.110128:AA584364
 R-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//8.0e-99
 :531:92//Hs.75437:L40401
 R-PLACE1005102//ESTs//7.2e-68:493:84//Hs.10593:AI201336
 R-PLACE1005108//Human DNA fragmentation factor-45 mRNA, complete cds//9.
 2e-40:232:82//Hs.155344:U91985
 R-PLACE1005111//EST//8.1e-10:189:68//Hs.136356:AA493225
 R-PLACE1005128//ESTs//1.4e-78:501:87//Hs.15093:AA203423
 R-PLACE1005146//ESTs//4.8e-93:460:97//Hs.37896:AA777349
 R-PLACE1005162//ESTs//7.5e-51:277:95//Hs.28838:AI089013
 R-PLACE1005176//ESTs//5.4e-75:366:97//Hs.48119:AA454227
 R-PLACE1005181//EST//0.012:172:66//Hs.147107:AI190589
 R-PLACE1005187//ESTs//5.6e-72:363:95//Hs.16577:AI022830

R-PLACE1005206//ESTs//5.3e-48:203:88//Hs.31792:H45211
 R-PLACE1005232//ESTs//5.1e-41:287:84//Hs.138552:R99532
 R-PLACE1005243//ESTs//1.1e-48:348:83//Hs.113310:R16767
 R-PLACE1005261//ESTs//0.19:175:62//Hs.124337:AA829524
 R-PLACE1005266//ESTs//1.9e-22:388:66//Hs.124146:AA699633
 R-PLACE1005277//ESTs//1.5e-29:314:72//Hs.163710:AA024516
 R-PLACE1005287//ESTs//3.6e-95:456:98//Hs.49282:AA970322
 R-PLACE1005305//ESTs//9.9e-71:428:88//Hs.144855:AI197937
 R-PLACE1005308//ESTs//3.8e-32:173:96//Hs.58239:AA215797
 R-PLACE1005313//ESTs//5.2e-74:409:93//Hs.33368:AA206614
 R-PLACE1005327//Chromosome 1 specific transcript KIAA0491//1.7e-104:537:
 94//Hs.136309:AB007960
 R-PLACE1005331//ESTs//2.1e-91:487:93//Hs.9291:AI189343
 R-PLACE1005335//ESTs, Weakly similar to F23B2.4 [C.elegans]//3.8e-90:442:
 97//Hs.70202:AA732975
 R-PLACE1005373//ESTs//8.0e-93:526:91//Hs.98541:N38901
 R-PLACE1005374//Homo sapiens KIAA0395 mRNA, partial cds//3.3e-44:344:80/
 /Hs.43681:AL022394
 R-PLACE1005409//EST//0.43:174:59//Hs.162077:AA479978
 R-PLACE1005453//EST//7.9e-57:330:90//Hs.162306:AA555304
 R-PLACE1005467//ESTs//2.2e-42:294:84//Hs.142257:AA188423
 R-PLACE1005471//Human Line-1 repeat mRNA with 2 open reading frames//2.3
 e-88:561:86//Hs.23094:M19503
 R-PLACE1005477//Human methionine aminopeptidase mRNA, complete cds//6.9e
 -80:549:83//Hs.78935:U29607
 R-PLACE1005480//EST//0.99:39:82//Hs.157275:AI364046
 R-PLACE1005481//EST//1.5e-31:281:79//Hs.132635:AI032875
 R-PLACE1005494//Homo sapiens mRNA for semaphorin E, complete cds//0.036:
 319:59//Hs.62705:AB000220

R-PLACE1005502//Homo sapiens formin binding protein 21 mRNA, complete cds//5.4e-57:277:98//Hs.28307:AF071185

R-PLACE1005526//ESTs//2.5e-30:233:83//Hs.119304:AA443325

R-PLACE1005528//Homo sapiens mRNA for cartilage-associated protein (CASP)
)//8.9e-20:321:69//Hs.155481:AJ006470

R-PLACE1005530//ESTs//3.7e-81:438:92//Hs.103380:AI291325

R-PLACE1005550//ESTs, Highly similar to HYPOTHETICAL 40.2 KD PROTEIN K1
2H4.3 IN CHROMOSOME III [Caenorhabditis elegans]//5.2e-95:458:98//Hs.381
14:N62927

R-PLACE1005554//ESTs//8.8e-36:267:86//Hs.98288:AA203555

R-PLACE1005557//ESTs, Highly similar to MITOCHONDRIAL 60S RIBOSOMAL PRO
TEIN L2 PRECURSOR [Saccharomyces cerevisiae]//2.2e-64:345:94//Hs.7736:W8
1261

R-PLACE1005574//ESTs//2.3e-27:231:83//Hs.117771:R99835

R-PLACE1005584//ESTs//1.6e-36:188:98//Hs.152050:AA724612

R-PLACE1005595//ESTs//1.6e-91:453:96//Hs.85079:AI276023

R-PLACE1005603//ESTs//8.2e-99:533:93//Hs.96357:AI026927

R-PLACE1005611//ESTs//5.2e-28:183:89//Hs.24941:AA261857

R-PLACE1005623//ESTs//1.4e-102:505:96//Hs.58382:AA808964

R-PLACE1005630

R-PLACE1005639//ESTs//1.4e-51:256:98//Hs.1975:W72452

R-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete
cds//1.0e-111:585:93//Hs.8765:AF083255

R-PLACE1005656//ESTs//2.7e-88:469:92//Hs.164054:AA528169

R-PLACE1005666//Homo sapiens X-ray repair cross-complementing protein 2
(XRCC2) mRNA, complete cds//3.3e-24:401:66//Hs.129727:AF035587

R-PLACE1005698//ESTs//0.00013:82:79//Hs.116331:AA629355

R-PLACE1005727//EST//0.15:206:63//Hs.105002:AA449332

R-PLACE1005730//EST//0.0014:129:70//Hs.127931:AA969259

R-PLACE1005739//ESTs, Moderately similar to unknown intracellular protein [M.musculus] //1.3e-42:236:94//Hs.23889:AI341137

R-PLACE1005755//ESTs//2.8e-32:308:80//Hs.159821:AA524070

R-PLACE1005763//Human mRNA for KIAA0118 gene, partial cds//3.3e-47:268:87//Hs.154326:D42087

R-PLACE1005799//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK 757.1 IN CHROMOSOME III [Caenorhabditis elegans] //7.7e-15:88:98//Hs.109857:AA088385

R-PLACE1005802//ESTs//2.8e-19:208:76//Hs.9271:W30941

R-PLACE1005803//ESTs//2.6e-75:417:92//Hs.71414:AA131327

R-PLACE1005804//EST//6.5e-20:182:70//Hs.149844:AI287693

R-PLACE1005828//ESTs//3.0e-15:194:77//Hs.106236:N50058

R-PLACE1005834//Retinoblastoma 1 (including osteosarcoma)//0.040:435:58//Hs.75770:L41870

R-PLACE1005845//EST//5.0e-61:294:99//Hs.133202:AI050965

R-PLACE1005850//ESTs//3.4e-82:425:96//Hs.7966:AI203471

R-PLACE1005851//ESTs//2.9e-21:165:84//Hs.23607:N98305

R-PLACE1005876//ESTs//0.48:296:57//Hs.39140:AI041842

R-PLACE1005884//ESTs//0.0027:177:66//Hs.150295:AA570558

R-PLACE1005898//ESTs//1.7e-98:467:98//Hs.159475:AI339981

R-PLACE1005921//ESTs//5.8e-96:480:95//Hs.30822:AA885501

R-PLACE1005923//ESTs//1.8e-66:333:96//Hs.150890:AI341793

R-PLACE1005925//Human Line-1 repeat mRNA with 2 open reading frames//2.8e-27:382:70//Hs.23094:M19503

R-PLACE1005932//ESTs, Moderately similar to MNK1 [H.sapiens] //1.1e-70:377:93//Hs.5662:AA868361

R-PLACE1005934//ESTs//1.0e-42:251:91//Hs.25092:AA922142

R-PLACE1005936//ESTs//1.2e-88:461:94//Hs.94125:N62913

R-PLACE1005951//ESTs//1.4e-83:533:86//Hs.21148:AI183729

R-PLACE1005953

R-PLACE1005955//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN IN CDC12-ORC6 INTERGENIC REGION [*Saccharomyces cerevisiae*]//2.2e-83:494:88//Hs.108117:AI097079

R-PLACE1005966//ESTs//1.1e-95:465:97//Hs.98510:AI016239

R-PLACE1005968//EST//0.26:103:66//Hs.161300:AI420897

R-PLACE1005990

R-PLACE1006002//Human mRNA for KIAA0355 gene, complete cds//2.0e-45:481:74//Hs.153014:AB002353

R-PLACE1006003//ESTs, Highly similar to HYPOTHETICAL 30.3 KD PROTEIN IN APE1/LAP4-CWP1 INTERGENIC REGION [*Saccharomyces cerevisiae*]//3.1e-112:593:93//Hs.111449:AI192946

R-PLACE1006011//ESTs, Moderately similar to NAD(+) ADP-RIBOSYLTRANSFERASE [D.melanogaster]//5.7e-100:596:88//Hs.24284:AA595596

R-PLACE1006017//ESTs//4.2e-18:296:68//Hs.133350:AI056276

R-PLACE1006037//ESTs, Weakly similar to T23D8.3 [*C.elegans*]//4.1e-102:491:98//Hs.61164:AI096332

R-PLACE1006040//ESTs//1.2e-92:443:98//Hs.111680:N93765

R-PLACE1006076//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN G ENTRY !!!! [H.sapiens]//2.0e-26:213:77//Hs.139007:H74314

R-PLACE1006119//ESTs//0.14:257:61//Hs.113149:AA908904

R-PLACE1006129//ESTs//3.8e-54:285:97//Hs.18827:W68002

R-PLACE1006139//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [*Saccharomyces cerevisiae*]//2.6e-99:560:91//Hs.5249:U55977

R-PLACE1006143//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)//0.038:463:59//Hs.904:U84010

R-PLACE1006157//ESTs//0.014:341:58//Hs.121773:AI357886

R-PLACE1006159//EST//0.00036:247:61//Hs.140054:AA668925
R-PLACE1006164//ESTs//2.6e-31:362:73//Hs.141024:H07128
R-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149//5.8e-54:286:94//Hs.152894:AC005239
R-PLACE1006170//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]//2.7e-79:393:96//Hs.19121:AI125280
R-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//5.1e-118:597:95//Hs.30464:AF091433
R-PLACE1006195//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.8e-94:532:91//Hs.105216:AI361807
R-PLACE1006196//ESTs//3.2e-66:382:90//Hs.18665:T99507
R-PLACE1006205//EST//1.7e-89:448:96//Hs.116665:AA669114
R-PLACE1006223//Human RNaseP protein p38 (RPP38) mRNA, complete cds//0.90:304:58//Hs.94986:U77664
R-PLACE1006225//ESTs//7.2e-96:474:97//Hs.91165:AI079555
R-PLACE1006236//ESTs//8.8e-105:535:95//Hs.7919:AI341472
R-PLACE1006239//Homo sapiens BAC clone RG118D07 from 7q31//3.2e-99:497:95//Hs.3781:AC004142
R-PLACE1006246//ESTs, Weakly similar to CMP-sialic acid transporter [Mus musculus]//1.3e-104:532:95//Hs.41151:AI301961
R-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds//3.0e-97:499:95//Hs.31921:AB014548
R-PLACE1006262//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//1.6e-07:321:62//Hs.53057:W67839
R-PLACE1006288//Voltage-dependent anion channel 1//3.8e-100:605:88//Hs.2060:L06132
R-PLACE1006318//ESTs//2.4e-102:536:94//Hs.8109:AA005265
R-PLACE1006325//ESTs//5.2e-105:518:96//Hs.102319:AI246503
R-PLACE1006335//ESTs//5.1e-45:254:93//Hs.153585:R70900

R-PLACE1006357//EST//6.5e-09:309:62//Hs.132493:AA923168
 R-PLACE1006360//Human mRNA for KIAA0090 gene, partial cds//0.0097:381:58
 //Hs.154797:D42044
 R-PLACE1006368//ESTs//7.9e-85:412:97//Hs.150587:AI079284
 R-PLACE1006371//ESTs//7.7e-74:442:88//Hs.143671:W61053
 R-PLACE1006382
 R-PLACE1006385//ESTs//5.3e-06:346:61//Hs.163706:AA515748
 R-PLACE1006412//EST//7.7e-46:306:86//Hs.149580:AI281881
 R-PLACE1006414//Homo sapiens LIM protein mRNA, complete cds//4.1e-43:551
 :69//Hs.154103:AF061258
 R-PLACE1006438//ESTs//1.1e-77:284:86//Hs.24545:AI278629
 R-PLACE1006445//ESTs//4.4e-53:259:99//Hs.24481:AA573139
 R-PLACE1006469//ESTs//9.4e-102:482:98//Hs.7218:AA936961
 R-PLACE1006470//ESTs//1.0:271:57//Hs.144517:AA938297
 R-PLACE1006482//ESTs//4.0e-61:354:92//Hs.51305:T47418
 R-PLACE1006492//EST//1.8e-09:48:91//Hs.144451:AA827722
 R-PLACE1006506//ESTs//0.012:161:61//Hs.145333:AI251374
 R-PLACE1006521//Human mRNA for KIAA0013 gene, complete cds//2.1e-15:415:
 63//Hs.48824:D87717
 R-PLACE1006531//ESTs//5.6e-31:213:87//Hs.125153:AA453723
 R-PLACE1006534//ESTs//6.5e-101:512:95//Hs.27763:W46368
 R-PLACE1006540//ESTs//7.3e-40:320:79//Hs.121659:H02532
 R-PLACE1006552//EST//0.38:418:56//Hs.140470:AA765214
 R-PLACE1006598//ESTs//4.0e-80:409:95//Hs.142868:AI128443
 R-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF
 F3, p35 subunit mRNA, complete cds//9.3e-118:590:95//Hs.155377:U97670
 R-PLACE1006617//ESTs//8.1e-31:246:83//Hs.139128:AA205322
 R-PLACE1006626//ESTs//0.90:98:68//Hs.96322:AA541615
 R-PLACE1006629//Human mRNA for KIAA0386 gene, complete cds//5.3e-33:315:

78//Hs.101359:AB002384

R-PLACE1006640//ESTs//3.7e-26:137:100//Hs.32672:W16522

R-PLACE1006673//Interleukin 10//8.4e-47:330:83//Hs.2180:M57627

R-PLACE1006678//ESTs//1.1e-13:87:98//Hs.34035:D87736

R-PLACE1006704//ESTs//2.6e-65:394:89//Hs.30582:D12214

R-PLACE1006731//Homo sapiens clone 23923 mRNA sequence//1.9e-102:486:98/
/Hs.12472:AF038172

R-PLACE1006754//EST//1.0e-61:381:89//Hs.14727:T83861

R-PLACE1006760//Homo sapiens clone 24800 mRNA sequence//3.8e-73:394:93//
Hs.7252:AF070622

R-PLACE1006779//ESTs//1.4e-69:405:90//Hs.136235:AA262658

R-PLACE1006782//EST//1.8e-25:197:86//Hs.137257:N33234

R-PLACE1006792//ESTs//1.8e-43:317:84//Hs.139190:N55515

R-PLACE1006795//ESTs//6.4e-68:350:95//Hs.11092:AA916335

R-PLACE1006800//ESTs//1.9e-55:268:100//Hs.126695:AA917989

R-PLACE1006805//ESTs//6.6e-91:484:93//Hs.94262:AA768847

R-PLACE1006815//ESTs//2.1e-49:364:83//Hs.142031:AA809159

R-PLACE1006819//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HO
MOLOG [Homo sapiens]//1.0e-87:481:92//Hs.141263:H64113

R-PLACE1006829//ESTs//5.7e-43:332:83//Hs.19906:AA456933

R-PLACE1006860//ESTs//0.96:138:63//Hs.136649:AA828359

R-PLACE1006867//ESTs//1.4e-98:478:97//Hs.10299:N35008

R-PLACE1006878//EST//8.4e-48:243:97//Hs.54970:N93536

R-PLACE1006883//EST//3.1e-46:300:88//Hs.162404:AA573131

R-PLACE1006901//ESTs//3.0e-95:496:94//Hs.47546:AA181348

R-PLACE1006904//ESTs//5.8e-18:304:68//Hs.125816:AA806089

R-PLACE1006917//Endothelin receptor type B//0.00012:451:60//Hs.82002:D13
168

R-PLACE1006932//ESTs//4.6e-56:285:96//Hs.114727:AI379514

R-PLACE1006935//ESTs//3.6e-12:157:73//Hs.161714:AA229078
 R-PLACE1006958//Human mRNA for KIAA0201 gene, complete cds//3.2e-25:494:
 63//Hs.36927:D86956
 R-PLACE1006961//Tyrosine aminotransferase//2.5e-46:471:74//Hs.2999:X5252
 0
 R-PLACE1006962//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//
 9.0e-29:324:68//Hs.154257:AI275982
 R-PLACE1006966//ESTs//4.5e-99:470:99//Hs.46913:AI017636
 R-PLACE1006989//ESTs//2.2e-68:353:97//Hs.14394:R61257
 R-PLACE1007014//ESTs//3.4e-86:457:94//Hs.129819:AA838366
 R-PLACE1007021//ESTs//1.6e-93:539:90//Hs.7111:U55971
 R-PLACE1007045//Human Line-1 repeat mRNA with 2 open reading frames//6.6
 e-83:584:82//Hs.23094:M19503
 R-PLACE1007053//ESTs//4.2e-85:550:88//Hs.7984:AI202575
 R-PLACE1007097//ESTs//6.4e-78:493:86//Hs.56406:N91027
 R-PLACE1007105//ESTs//5.3e-70:381:91//Hs.22605:N74202
 R-PLACE1007111//ESTs//8.6e-75:358:99//Hs.145629:AA398646
 R-PLACE1007112//ESTs//6.9e-69:371:94//Hs.71922:AA148417
 R-PLACE1007132//ESTs//1.2e-36:373:69//Hs.10762:W28948
 R-PLACE1007140//ESTs//1.7e-70:360:96//Hs.56179:W56794
 R-PLACE1007178//EST//0.68:85:65//Hs.147010:AI184765
 R-PLACE1007226//ESTs//3.1e-78:452:90//Hs.8033:N94998
 R-PLACE1007238//ESTs//5.2e-70:362:95//Hs.85636:AA740619
 R-PLACE1007239//Human mRNA for transcription elongation factor S-II, hS-
 II-T1, complete cds//6.3e-93:534:89//Hs.80598:D50495
 R-PLACE1007242//ESTs//1.2e-80:390:98//Hs.117325:AA699450
 R-PLACE1007243//ESTs, Weakly similar to transporter protein [H.sapiens]//
 /3.7e-73:357:98//Hs.18272:N78499
 R-PLACE1007257//Homo sapiens mRNA for dia-156 protein//4.3e-85:487:91//H

s.121556:Y15909

R-PLACE1007274//ESTs//4.3e-79:430:93//Hs.146023:AI275071

R-PLACE1007276//ESTs//1.5e-33:338:74//Hs.142850:R38419

R-PLACE1007282//ESTs//4.8e-98:532:93//Hs.10071:AA100812

R-PLACE1007286//Human mRNA for KIAA0118 gene, partial cds//2.9e-50:518:74//Hs.154326:D42087

R-PLACE1007301

R-PLACE1007317

R-PLACE1007342

R-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds//1.2e-66:367:91//Hs.76596:AF096870

R-PLACE1007367//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-98:488:96//Hs.24359:AA699594

R-PLACE1007375//ESTs//2.3e-67:375:92//Hs.33368:AA206614

R-PLACE1007386//ESTs//0.020:242:62//Hs.42768:AI129945

R-PLACE1007402//ESTs//1.6e-91:441:97//Hs.26243:AA455877

R-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence//2.4e-113:590:94//Hs.14387:AF093771

R-PLACE1007416//ESTs, Weakly similar to DIPEPTIDYL PEPTIDASE IV [H.sapiens]//3.8e-115:579:95//Hs.72165:AI243857

R-PLACE1007450//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.7e-38:311:80//Hs.97203:U83171

R-PLACE1007452//EST//2.5e-42:386:77//Hs.140562:AA826514

R-PLACE1007460//ESTs//4.9e-87:434:95//Hs.28472:AI028230

R-PLACE1007478

R-PLACE1007484//ESTs//6.8e-08:64:92//Hs.100251:AA535975

R-PLACE1007488//Dystrophin (muscular dystrophy, Duchenne and Becker type s), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272//0.26:411:60//Hs.79012:M18533

R-PLACE1007507//ESTs//2.2e-11:136:76//Hs.128815:AA678072
 R-PLACE1007511//ESTs, Highly similar to KERATIN, TYPE I CYTOSKELETAL 14
 [Homo sapiens]//1.5e-41:261:89//Hs.9029:W57657
 R-PLACE1007524//ESTs//5.8e-45:297:87//Hs.154923:AA491377
 R-PLACE1007525//Human mRNA for KIAA0118 gene, partial cds//1.9e-44:422:7
 5//Hs.154326:D42087
 R-PLACE1007544//ESTs//8.4e-59:327:93//Hs.27410:N25612
 R-PLACE1007547//EST//0.00010:107:71//Hs.146867:AI161404
 R-PLACE1007557//ESTs//1.6e-43:356:79//Hs.44702:AI148840
 R-PLACE1007583//ESTs//1.7e-41:214:97//Hs.155071:AA584257
 R-PLACE1007598//Homo sapiens clone 23939 mRNA sequence//4.8e-104:554:93/
 /Hs.21838:AF038179
 R-PLACE1007618//Lymphocyte cytosolic protein 1 (L-plastin)//0.54:161:65/
 /Hs.76506:J02923
 R-PLACE1007621//Homo sapiens clone 23859 mRNA sequence//4.8e-105:537:94/
 /Hs.151046:AF038176
 R-PLACE1007632
 R-PLACE1007645//ESTs//0.99:187:62//Hs.163453:AI344106
 R-PLACE1007649//ESTs//2.2e-108:561:94//Hs.24398:AI262946
 R-PLACE1007677//ESTs, Moderately similar to !!!! ALU SUBFAMILY SB2 WARNI
 NG ENTRY !!!! [H.sapiens]//9.0e-37:190:97//Hs.23437:AA707331
 R-PLACE1007688//ESTs//7.5e-79:409:95//Hs.6166:AI376944
 R-PLACE1007690//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE C
 HAIN 5 [Ascaris suum]//3.4e-61:384:89//Hs.92918:AA133274
 R-PLACE1007697//ESTs, Highly similar to GCN20 PROTEIN [Saccharomyces ce
 revisiae]//1.8e-84:501:88//Hs.91251:U66685
 R-PLACE1007705//Human mRNA for apolipoprotein E receptor 2, complete cds
 //0.43:307:59//Hs.54481:D86407
 R-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds/

/5.7e-75:374:96//Hs.4812:AF061243

R-PLACE1007725//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-39:253:88//Hs.108797:AA476815

R-PLACE1007729//ESTs//2.7e-44:392:79//Hs.142375:AA398619

R-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds//6.7e-94:556:89//Hs.153121:AB014585

R-PLACE1007737//ESTs//1.1e-41:345:80//Hs.114671:N39322

R-PLACE1007743//ESTs//2.8e-17:98:100//Hs.124258:AA976778

R-PLACE1007746//ESTs//5.3e-69:413:90//Hs.5297:AA156903

R-PLACE1007791//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [Bacillus subtilis]//8.6e-27:143:98//Hs.144194:AA706337

R-PLACE1007807//Human Line-1 repeat mRNA with 2 open reading frames//9.9e-45:428:76//Hs.23094:M19503

R-PLACE1007810//ESTs//5.9e-15:143:82//Hs.126257:AI279044

R-PLACE1007829//ESTs//2.2e-22:190:84//Hs.142707:W24050

R-PLACE1007843//ESTs//5.3e-110:556:95//Hs.107287:AI308839

R-PLACE1007846//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-95:525:91//Hs.23094:M19503

R-PLACE1007852//ESTs//4.5e-14:174:75//Hs.153419:N52017

R-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds//2.1e-111:574:94//Hs.28020:AB018309

R-PLACE1007866//EST//1.8e-48:262:96//Hs.141009:H01178

R-PLACE1007877//ESTs//1.2e-94:478:96//Hs.5999:AI207832

R-PLACE1007897//ESTs//2.3e-92:437:99//Hs.122843:AI189060

R-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.8e-89:460:95//Hs.92381:AB007956

R-PLACE1007946//ESTs//2.8e-28:172:78//Hs.126784:AA521510

R-PLACE1007954//ESTs//6.1e-72:366:95//Hs.27842:AI217966

R-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, com

plete cds//3.9e-103:509:96//Hs.5671:AF084530
R-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B)
mRNA, partial cds//7.2e-89:465:93//Hs.78106:AF079529
R-PLACE1007969//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.4e-113:5
34:99//Hs.44268:AA455900
R-PLACE1007990//ESTs, Highly similar to DOSAGE COMPENSATION REGULATOR [
Drosophila melanogaster]//3.8e-97:493:95//Hs.6141:U69564
R-PLACE1008000//ESTs//0.00013:241:65//Hs.44369:AI206835
R-PLACE1008002//ESTs//2.2e-83:397:98//Hs.28780:AI263612
R-PLACE1008044//ESTs, Moderately similar to NUCLEAR PORE COMPLEX PROTEIN
NUP107 [R.norvegicus]//2.0e-115:575:95//Hs.92395:AA779854
R-PLACE1008045//EST//2.6e-89:465:94//Hs.47374:N51935
R-PLACE1008080//EST//0.27:118:65//Hs.144110:AI054269
R-PLACE1008095//ESTs//5.5e-23:268:73//Hs.152525:AA516469
R-PLACE1008111//ESTs, Weakly similar to oxidoreductase [H.sapiens]//4.4e
-108:537:96//Hs.28877:AI309334
R-PLACE1008122//ESTs//6.5e-103:531:94//Hs.34737:AI028617
R-PLACE1008129//ESTs//0.76:96:66//Hs.65373:AA883511
R-PLACE1008132//ESTs//5.9e-05:113:72//Hs.13014:W26381
R-PLACE1008177//ESTs//7.2e-107:557:93//Hs.132851:AI028266
R-PLACE1008181//ESTs//5.3e-97:473:97//Hs.57483:AA776267
R-PLACE1008198//ESTs//3.9e-16:120:85//Hs.9142:AA662107
R-PLACE1008201//Homo sapiens mRNA for KIAA0530 protein, partial cds//1.6
e-104:551:93//Hs.10801:AB011102
R-PLACE1008209//ESTs//1.2e-72:366:96//Hs.92308:AI052701
R-PLACE1008231//ESTs//1.2e-70:363:94//Hs.25094:R80871
R-PLACE1008244//ESTs//1.3e-98:543:92//Hs.25130:AA218990
R-PLACE1008273//ESTs//6.1e-16:153:79//Hs.115987:AA483808
R-PLACE1008275

R-PLACE1008280//ESTs//1.3e-66:353:94//Hs.156376:AI338705
R-PLACE1008309//ESTs//2.8e-100:511:95//Hs.45080:N49852
R-PLACE1008329//V-myc avian myelocytomatosis viral oncogene homolog//0.5
3:206:62//Hs.79070:K02276
R-PLACE1008330//ESTs, Weakly similar to EOSINOPHIL LYSOPHOSPHOLIPASE [H.
sapiens]//8.6e-79:297:91//Hs.146477:AI128445
R-PLACE1008331//ESTs//0.98:156:62//Hs.108548:AA081656
R-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds//2.1
e-99:556:90//Hs.5734:AB014579
R-PLACE1008368//EST//0.0027:198:63//Hs.160868:AI359052
R-PLACE1008369//ESTs//5.4e-28:167:92//Hs.19530:AA480009
R-PLACE1008392//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens]//2.0e-41:448:72//Hs.139007:H74314
R-PLACE1008398//ESTs, Highly similar to Mig-6//1.4e-103:529:94//Hs.11169
:AA156242
R-PLACE1008401//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//1.2e-81:536:87//Hs.7570:W31010
R-PLACE1008402//Homo sapiens mRNA for p115, complete cds//5.1e-103:521:9
5//Hs.7763:D86326
R-PLACE1008405//ESTs//1.2e-89:485:92//Hs.138241:AA767440
R-PLACE1008424//ESTs//6.7e-97:508:93//Hs.6709:AI379778
R-PLACE1008426//ESTs//5.5e-30:174:92//Hs.7946:AA651757
R-PLACE1008429//ESTs//2.1e-12:188:71//Hs.140769:AA931562
R-PLACE1008437//ESTs//7.1e-54:266:98//Hs.13068:AA001928
R-PLACE1008455//ESTs//4.7e-69:471:85//Hs.28337:AA210761
R-PLACE1008457//EST//8.6e-14:202:71//Hs.149887:AI289387
R-PLACE1008465//ESTs//3.8e-80:426:93//Hs.153146:AI299636
R-PLACE1008488//ESTs//7.9e-73:388:94//Hs.97268:AA292180
R-PLACE1008524//ESTs//7.4e-107:545:95//Hs.10441:N62816

R-PLACE1008531//ESTs//3.8e-68:427:87//Hs.56607:H23560
R-PLACE1008532
R-PLACE1008533//ESTs//2.5e-52:318:88//Hs.7274:AA476850
R-PLACE1008568//ESTs//3.2e-99:486:97//Hs.84414:AI423223
R-PLACE1008584//EST//2.2e-18:154:68//Hs.141498:N50064
R-PLACE1008621//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens] /
/8.6e-67:483:82//Hs.140416:AA778649
R-PLACE1008625
R-PLACE1008626//ESTs//4.7e-73:372:95//Hs.23491:AA642454
R-PLACE1008627//ESTs//1.6e-90:475:93//Hs.102401:AI004972
R-PLACE1008629//ESTs//8.0e-93:492:93//Hs.20843:AA699512
R-PLACE1008630//ESTs//1.0e-94:453:98//Hs.34840:AI279612
R-PLACE1008643//Human mRNA for KIAA0355 gene, complete cds//2.8e-49:422:
79//Hs.153014:AB002353
R-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, compl
ete cds//7.9e-90:434:97//Hs.147967:AF044333
R-PLACE1008693//ISLET AMYLOID POLYPEPTIDE PRECURSOR//1.8e-41:505:71//Hs.
51048:X68830
R-PLACE1008696//Cytochrome P450, subfamily I (aromatic compound-inducibl
e), polypeptide 2//1.7e-51:316:76//Hs.1361:M55053
R-PLACE1008715//EST//0.63:114:64//Hs.121353:AA758600
R-PLACE1008748//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !
!!! [H.sapiens] //2.3e-40:281:83//Hs.142209:AA873303
R-PLACE1008757//ESTs//1.4e-45:226:99//Hs.22822:H06408
R-PLACE1008790//ESTs//0.035:67:76//Hs.153554:AI286313
R-PLACE1008798//ESTs//4.9e-59:285:99//Hs.49018:N79930
R-PLACE1008807//ESTs//1.7e-82:413:96//Hs.130745:AA573217
R-PLACE1008808//Homo sapiens putative checkpoint control protein HRAD1 m
RNA, complete cds//1.1e-98:499:95//Hs.7179:AF011905

R-PLACE1008813//ESTs, Weakly similar to coded for by C. elegans cDNA cml
0e3 [C.elegans] //4.2e-92:490:93//Hs.110454:H11810

R-PLACE1008851//ESTs//2.4e-84:421:95//Hs.158893:AI378428

R-PLACE1008854

R-PLACE1008867//ESTs//1.1e-77:400:95//Hs.44198:AI093502

R-PLACE1008887//Oxytocin receptor//1.1e-43:601:67//Hs.2820:X64878

R-PLACE1008902//ESTs//0.023:208:61//Hs.154164:AI246893

R-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//2.6
e-56:344:89//Hs.62318:AB018308

R-PLACE1008925//ESTs//0.17:294:57//Hs.105113:AA457018

R-PLACE1008934//ESTs//2.0e-61:339:92//Hs.100448:AA622653

R-PLACE1008941//ESTs, Moderately similar to ATP-BINDING CASSETTE TRANSP
ORTER 2 [Mus musculus] //1.3e-19:488:63//Hs.15780:U66680

R-PLACE1008947//ESTs//1.3e-81:385:99//Hs.71574:AI376573

R-PLACE1009020//ESTs//2.9e-79:419:94//Hs.121816:AA775419

R-PLACE1009027//Homo sapiens mRNA for doublecortin//3.1e-82:434:94//Hs.3
4780:AJ003112

R-PLACE1009039//ESTs//2.8e-83:448:92//Hs.129179:AA988520

R-PLACE1009045//ESTs//1.6e-64:318:97//Hs.103423:AA814195

R-PLACE1009048//ESTs//2.7e-17:403:63//Hs.149343:AI249139

R-PLACE1009050//ESTs//2.0e-88:475:92//Hs.122925:AA909008

R-PLACE1009060//ESTs, Highly similar to HYPOTHETICAL 98.3 KD PROTEIN R1
OE12.1 IN CHROMOSOME III [Caenorhabditis elegans] //1.2e-112:555:96//Hs.9
663:AA527142

R-PLACE1009090//ESTs//5.0e-13:175:75//Hs.140608:N53448

R-PLACE1009094//Human splicing factor SRp30c mRNA, complete cds//0.98:16
1:63//Hs.77608:AL021546

R-PLACE1009099//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus] //0.
037:63:84//Hs.39943:AA203136

R-PLACE1009110//EST//5.8e-17:307:65//Hs.117264:AA682549
 R-PLACE1009111//ESTs//1.9e-57:349:90//Hs.11260:N98983
 R-PLACE1009130//ESTs, Weakly similar to hypothetical protein 2 [H.sapien
 s] //6.5e-97:501:94//Hs.11123:AA703945
 R-PLACE1009150//LAMIN B1//0.064:393:60//Hs.89497:L37747
 R-PLACE1009155//ESTs, Moderately similar to ovarian-specific protein [R.
 norvegicus] //2.5e-36:163:82//Hs.93332:AA811920
 R-PLACE1009158//ESTs//0.30:149:65//Hs.155796:R80005
 R-PLACE1009166//ESTs//3.3e-34:292:77//Hs.140255:AA708322
 R-PLACE1009172//EST//8.9e-21:364:67//Hs.142557:AA464948
 R-PLACE1009174//ESTs//2.9e-18:274:70//Hs.139241:AA283707
 R-PLACE1009183//ESTs//2.3e-44:297:87//Hs.136839:H93717
 R-PLACE1009186//ESTs, Weakly similar to No definition line found [C.eleg
 ans] //1.5e-109:572:94//Hs.54943:Z78396
 R-PLACE1009190//ESTs//2.6e-53:318:90//Hs.25245:AA176701
 R-PLACE1009200//H.sapiens mRNA for sortilin//3.2e-33:195:92//Hs.104247:X
 98248
 R-PLACE1009230//ESTs//3.0e-31:153:92//Hs.124116:AA772680
 R-PLACE1009246//ESTs//2.7e-90:488:92//Hs.10706:AA909018
 R-PLACE1009308//ESTs//0.022:46:97//Hs.36545:AA075423
 R-PLACE1009319//ESTs//7.7e-99:533:92//Hs.109654:N91279
 R-PLACE1009328//Human Line-1 repeat mRNA with 2 open reading frames//7.3
 e-82:578:82//Hs.23094:M19503
 R-PLACE1009335//EST//1.3e-64:311:99//Hs.130558:AI004397
 R-PLACE1009338//ESTs//6.0e-70:386:93//Hs.3542:AI015782
 R-PLACE1009368//ESTs//1.4e-18:107:98//Hs.133303:W04760
 R-PLACE1009375//ESTs//8.9e-36:313:76//Hs.24608:AA161260
 R-PLACE1009388//EST//4.4e-11:101:83//Hs.147074:AI188883
 R-PLACE1009398//ESTs//5.7e-63:335:93//Hs.149003:AI243186

R-PLACE1009404//ESTs//3.6e-94:452:98//Hs.103177:W72798
 R-PLACE1009410//ESTs//2.2e-112:553:96//Hs.61779:AA195255
 R-PLACE1009434//EST//3.4e-15:109:74//Hs.103742:U48632
 R-PLACE1009443//EST//7.5e-61:302:98//Hs.157787:AI361269
 R-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//6.6e-85:479:90//Hs.
 76987:AF012872
 R-PLACE1009459//ESTs//9.3e-86:437:95//Hs.104871:AI161427
 R-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1//1.
 3e-42:266:89//Hs.155049:AC004531
 R-PLACE1009477//ESTs//2.0e-50:367:82//Hs.152788:AA630925
 R-PLACE1009493//ESTs//4.5e-14:150:78//Hs.143918:AA699596
 R-PLACE1009524//ESTs//2.9e-97:454:99//Hs.7189:AA767698
 R-PLACE1009539//ESTs//9.1e-94:454:97//Hs.154706:AI262131
 R-PLACE1009542//Homo sapiens apoptotic protease activating factor 1 (Apa
 f-1) mRNA, complete cds//1.4e-10:289:63//Hs.77579:AF013263
 R-PLACE1009571//ESTs//2.1e-23:125:100//Hs.41767:AA732326
 R-PLACE1009581//ESTs, Weakly similar to FIBRINOGEN ALPHA AND ALPHA-E CHA
 IN PRECURSORS [H.sapiens]//0.0012:56:91//Hs.12151:AA001818
 R-PLACE1009595//Homo sapiens mRNA for KIAA0635 protein, complete cds//6.
 0e-42:547:70//Hs.69157:AB014535
 R-PLACE1009596//ESTs//1.9e-102:588:90//Hs.142395:AI374735
 R-PLACE1009607//ESTs//0.0093:107:70//Hs.70932:AA126482
 R-PLACE1009613//ESTs//7.5e-101:488:97//Hs.5905:AA946680
 R-PLACE1009621//EST//0.99:261:60//Hs.149030:AI243338
 R-PLACE1009622//ESTs//8.0e-93:508:92//Hs.20967:AI422858
 R-PLACE1009637//EST//8.7e-90:442:97//Hs.121372:AA758701
 R-PLACE1009639//EST//8.5e-49:279:93//Hs.117447:R27213
 R-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//3.
 3e-109:589:92//Hs.21862:AB011159

R-PLACE1009665//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens] /
/9.9e-62:483:79//Hs.140416:AA778649

R-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//6.6e-63:31
0:97//Hs.109590:AF062534

R-PLACE1009708//ESTs//3.0e-94:471:96//Hs.40091:N48582

R-PLACE1009721//ESTs, Weakly similar to MSF1 PROTEIN [S.cerevisiae]//4.2
e-98:529:92//Hs.3945:AA004210

R-PLACE1009731//ESTs, Weakly similar to immune associated protein 38 [M.
musculus]//6.8e-85:489:89//Hs.26194:AA033989

R-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//2.0e-117:59
8:95//Hs.154320:AF046024

R-PLACE1009794//ESTs//7.9e-102:529:95//Hs.42927:N20989

R-PLACE1009798//Human DNA sequence from clone 1189B24 on chromosome Xq25
-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3,
EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein
Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part o
f a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C
. elegans C16A3.8. Contains ESTs and GSSs//1.1e-113:549:97//Hs.16411:AL0
30996

R-PLACE1009845//ESTs//9.5e-106:560:93//Hs.117751:AI056868

R-PLACE1009879//ESTs//1.8e-61:399:86//Hs.141012:R68748

R-PLACE1009886//EST//0.54:153:64//Hs.144281:AA081328

R-PLACE1009888//ESTs//2.7e-105:520:97//Hs.108646:AA613031

R-PLACE1009908//ESTs, Weakly similar to similar to mouse MMR1 [C.elegans
]//1.6e-114:594:94//Hs.67466:AI219740

R-PLACE1009921//ESTs//7.6e-05:291:60//Hs.124786:AA825563

R-PLACE1009924//EST//1.2e-42:216:98//Hs.31742:H20276

R-PLACE1009925//ESTs//5.4e-30:154:100//Hs.114605:AI304317

R-PLACE1009935//ESTs//1.4e-83:417:97//Hs.131755:AA496543

R-PLACE1009947//Keratin 9//1.0:273:61//Hs.2783:Z29074
R-PLACE1009971//ESTs//1.5e-87:424:98//Hs.13781:AI160540
R-PLACE1009992//ESTs//1.3e-87:531:87//Hs.55044:AA460698
R-PLACE1009995//ESTs//1.3e-103:575:91//Hs.71218:C75347
R-PLACE1009997//Small inducible cytokine A5 (RANTES)//1.1e-42:286:86//Hs
.155464:AF088219
R-PLACE1010023//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]
//1.7e-17:137:86//Hs.7049:AI141736
R-PLACE1010031//ESTs//0.22:191:62//Hs.127787:AA832204
R-PLACE1010053//ESTs, Moderately similar to spermatid perinuclear RNA-bi
nding protein Spnr [M.musculus]//7.6e-104:546:94//Hs.8215:AA521150
R-PLACE1010069//ESTs//0.99:173:59//Hs.21415:AI150905
R-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//
1.5e-88:543:88//Hs.11183:AF065482
R-PLACE1010076//ESTs//3.4e-106:530:95//Hs.28005:AA604375
R-PLACE1010083//ESTs//4.1e-65:395:88//Hs.6103:AA496424
R-PLACE1010089//ESTs//1.6e-70:348:97//Hs.9011:AA418615
R-PLACE1010096//ESTs, Highly similar to hypothetical protein, 100K [R.no
rvegicus]//2.8e-104:565:92//Hs.11469:U69567
R-PLACE1010102//ESTs//7.7e-50:311:89//Hs.5518:AI052015
R-PLACE1010105//ESTs//6.0e-94:483:94//Hs.62684:AA806103
R-PLACE1010106//ESTs, Weakly similar to putative p150 [H.sapiens]//1.6e-
107:575:93//Hs.48301:AA122270
R-PLACE1010134//EST//8.5e-59:314:94//Hs.135005:AI095130
R-PLACE1010148//A-KINASE ANCHOR PROTEIN 79//0.52:351:56//Hs.48714:M90359
R-PLACE1010152//ESTs//1.9e-40:240:90//Hs.17054:AI139897
R-PLACE1010181//ESTs//3.6e-64:307:99//Hs.154163:AJ003313
R-PLACE1010194//ESTs//2.7e-70:366:96//Hs.5301:T58466
R-PLACE1010202//ESTs//0.57:120:67//Hs.58873:W95037

R-PLACE1010231
R-PLACE1010261//EST//6.9e-50:251:98//Hs.148208:AA897478
R-PLACE1010270//ESTs//1.9e-87:430:96//Hs.25252:AI079545
R-PLACE1010274//ESTs//1.9e-57:439:81//Hs.30078:H04535
R-PLACE1010293//ESTs//8.1e-41:310:81//Hs.146811:AA410788
R-PLACE1010321//ESTs//5.7e-50:246:99//Hs.151445:AA351081
R-PLACE1010324//ESTs//0.00025:377:60//Hs.97430:AA398568
R-PLACE1010329//Small inducible cytokine A5 (RANTES)//2.4e-40:300:82//Hs.155464:AF088219
R-PLACE1010341//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING
ENTRY !!!! [H.sapiens]//9.9e-32:190:77//Hs.152369:AA504818
R-PLACE1010362//ESTs//8.2e-86:404:99//Hs.25625:AA669327
R-PLACE1010364//ESTs//1.5e-105:556:93//Hs.12229:AA149594
R-PLACE1010383//Homo sapiens mRNA for putative lipoic acid synthetase, partial//4.9e-35:166:86//Hs.53531:AJ224162
R-PLACE1010401//ESTs//2.3e-85:450:93//Hs.23193:AA418152
R-PLACE1010481//ESTs//0.012:280:59//Hs.5579:AI392816
R-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds//2.4e-89:438:96//Hs.13313:AF039081
R-PLACE1010492
R-PLACE1010522//EST//0.43:82:68//Hs.89303:AA284031
R-PLACE1010547//ESTs//3.4e-36:228:89//Hs.128724:AA215455
R-PLACE1010562//ESTs//4.8e-68:408:90//Hs.17244:W86306
R-PLACE1010579//EST//0.015:193:63//Hs.67093:C14033
R-PLACE1010580//ESTs//2.4e-93:445:98//Hs.127325:AA234116
R-PLACE1010599
R-PLACE1010616//ESTs//2.9e-101:497:97//Hs.142197:AA573418
R-PLACE1010622//ESTs//7.1e-23:157:91//Hs.159877:N57895
R-PLACE1010624//ESTs//1.4e-89:428:98//Hs.116561:AA658475

R-PLACE1010628//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//6.4e-74:391:95//Hs.163495:W57637

R-PLACE1010629//ESTs//5.8e-75:359:99//Hs.123630:AI250805

R-PLACE1010630//ESTs//9.5e-101:519:94//Hs.77873:AA731719

R-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds//8.3
e-94:497:93//Hs.10801:AB011102

R-PLACE1010661//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13 [
Mus musculus]//4.8e-83:467:91//Hs.22383:R51067

R-PLACE1010662//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSY
LTRANSFERASE PRECURSOR [D.melanogaster]//8.3e-103:538:94//Hs.105794:AA70
1659

R-PLACE1010702//Homo sapiens DNA from chromosome 19, BAC 33152//4.8e-46:
531:71//Hs.55452:AC003973

R-PLACE1010714//Human organic anion transporting polypeptide (OATP) mRNA
, complete cds//0.0074:351:60//Hs.46440:U21943

R-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mR
NA, partial cds//1.2e-56:300:95//Hs.50758:AF092564

R-PLACE1010739//Homo sapiens mRNA for oligophrenin 1//2.6e-84:501:88//Hs
.158122:AJ001189

R-PLACE1010743

R-PLACE1010761//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
-18) mRNA, complete cds//5.2e-94:442:96//Hs.3688:AF069250

R-PLACE1010771//ESTs//3.8e-54:264:99//Hs.27299:AI074024

R-PLACE1010786//ESTs, Highly similar to MYOSIN HEAVY CHAIN IB [Acantham
oeba castellanii]//7.6e-111:575:94//Hs.10260:AI126627

R-PLACE1010800//ESTs//1.9e-109:557:95//Hs.11460:AA057558

R-PLACE1010802//ESTs//0.00021:428:58//Hs.70258:AI091203

R-PLACE1010811//ESTs//7.4e-73:394:93//Hs.48499:AA428896

R-PLACE1010833//ESTs//9.0e-33:274:78//Hs.24391:W27472

R-PLACE1010856//ESTs//5.8e-41:351:81//Hs.17401:W81048
 R-PLACE1010857//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]
 //1.4e-71:326:92//Hs.3385:N25917
 R-PLACE1010870//ESTs//5.8e-57:303:96//Hs.30503:H05090
 R-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//2.3
 e-101:501:96//Hs.118087:AB011182
 R-PLACE1010891
 R-PLACE1010896//EST//0.0039:249:57//Hs.126090:AA867983
 R-PLACE1010900//Human Xq28 mRNA, complete cds//3.3e-07:106:76//Hs.20136:
 U46023
 R-PLACE1010916//Plasminogen activator inhibitor, type II (arginine-serpi-
 n)//0.25:190:61//Hs.75716:Y00630
 R-PLACE1010917//ESTs//1.3e-82:452:92//Hs.68055:AA081093
 R-PLACE1010925//ESTs//1.1e-92:471:95//Hs.17448:AI125479
 R-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds//1.3
 e-66:402:89//Hs.74750:AB011126
 R-PLACE1010942//Homo sapiens intersectin short form mRNA, complete cds//
 8.9e-82:441:93//Hs.66392:AF064244
 R-PLACE1010944
 R-PLACE1010947//ESTs//6.7e-15:102:91//Hs.116808:AA211519
 R-PLACE1010954//Small inducible cytokine A5 (RANTES)//8.8e-51:278:93//Hs
 .155464:AF088219
 R-PLACE1010960//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosoph
 ila melanogaster] //1.0e-103:565:92//Hs.23259:AA532437
 R-PLACE1010965//EST//6.3e-80:447:91//Hs.139529:AA219580
 R-PLACE1011026//ESTs//4.6e-99:463:99//Hs.149732:AI199846
 R-PLACE1011032//ESTs//6.3e-56:295:94//Hs.143576:AI147867
 R-PLACE1011041//ESTs//5.3e-27:168:91//Hs.7936:AA923249
 R-PLACE1011046//Homo sapiens mRNA for KIAA0581 protein, partial cds//9.4

e-102:563:91//Hs.41143:AB011153
R-PLACE1011054//EST//1.1e-15:245:69//Hs.112648:AA609135
R-PLACE1011056//Small inducible cytokine A5 (RANTES)//3.5e-38:285:82//Hs
.155464:AF088219
R-PLACE1011057//ESTs//3.5e-81:410:96//Hs.96499:AA252537
R-PLACE1011090//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//1.6e-54:398:84//Hs.108740:W20094
R-PLACE1011109//EST//1.3e-48:321:85//Hs.146794:AI149478
R-PLACE1011114//ESTs//5.4e-90:475:94//Hs.69331:AA099587
R-PLACE1011133//ESTs, Highly similar to 40 KD PROTEIN [Borna disease vi
rus]//3.0e-105:552:93//Hs.31257:AA875998
R-PLACE1011143//ESTs//0.40:127:65//Hs.118701:AA420795
R-PLACE1011160//Homa sapiens mRNA for HRIHFB2038, partial cds//7.7e-97:5
34:91//Hs.28719:AB015333
R-PLACE1011165//ESTs//1.0:135:69//Hs.32163:AI374673
R-PLACE1011185//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !
!!! [H.sapiens]//3.4e-85:442:95//Hs.136910:AA810782
R-PLACE1011203//EST//0.0047:268:60//Hs.68832:AA088438
R-PLACE1011219//ESTs//7.6e-96:504:93//Hs.124834:AI138671
R-PLACE1011221//ESTs//5.2e-23:241:78//Hs.26761:AA203299
R-PLACE1011229//ESTs//1.9e-90:461:95//Hs.132288:AI027693
R-PLACE1011263//ESTs//6.6e-56:321:93//Hs.158787:W79602
R-PLACE1011273//ESTs//0.016:131:65//Hs.140466:AA766772
R-PLACE1011291//EST//8.7e-47:267:91//Hs.158806:AI376913
R-PLACE1011296//EST//2.7e-38:225:92//Hs.160934:AI376849
R-PLACE1011310//ESTs//9.1e-37:196:96//Hs.39328:H71807
R-PLACE1011325//Human clone 23721 mRNA sequence//0.0012:486:58//Hs.83572
:U79291
R-PLACE1011332//ESTs//8.4e-44:217:99//Hs.101365:R60578

R-PLACE1011340//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [Bacillus subtilis] //3.4e-92:452:97//Hs.144194:AA706337

R-PLACE1011375//ESTs//2.2e-35:195:96//Hs.106486:H11376

R-PLACE1011399//ESTs//0.00096:224:67//Hs.151643:AA001194

R-PLACE1011419//ESTs//4.9e-50:267:95//Hs.7045:AA167337

R-PLACE1011433//Homo sapiens mRNA for KIAA0530 protein, partial cds//4.8e-114:600:94//Hs.10801:AB011102

R-PLACE1011452//Homo sapiens mRNA for KIAA0707 protein, partial cds//3.7e-32:310:76//Hs.138488:AB014607

R-PLACE1011465//ESTs//4.5e-86:471:93//Hs.144519:R70887

R-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds//2.6e-104:515:96//Hs.111138:AB018255

R-PLACE1011492//ESTs//1.7e-96:488:95//Hs.116555:AA639278

R-PLACE1011503//Homo sapiens clone 23597 mRNA sequence//1.0:193:60//Hs.28197:AF035294

R-PLACE1011520//ESTs//6.8e-99:477:97//Hs.85077:AA968576

R-PLACE1011563//ESTs//1.4e-94:514:92//Hs.16471:AA206421

R-PLACE1011567//EST//2.8e-89:417:100//Hs.149770:AI285985

R-PLACE1011576//Zinc finger protein 91 (HPF7, HTF10)//4.7e-55:267:81//Hs.8597:L11672

R-PLACE1011586//Myosin, heavy polypeptide 11, smooth muscle//0.98:168:61//Hs.78344:AF001548

R-PLACE1011635//ESTs//2.5e-67:332:98//Hs.108194:AA780067

R-PLACE1011641//ESTs//2.5e-71:338:100//Hs.153085:AA993965

R-PLACE1011643//EST//1.9e-18:181:78//Hs.160879:AI361900

R-PLACE1011649//Homo sapiens clone 24432 mRNA sequence//2.5e-73:414:91//Hs.78019:AF070535

R-PLACE1011650//EST//5.8e-18:118:92//Hs.124486:AA846036

R-PLACE1011664//Restin (Reed-Steinberg cell-expressed intermediate filam

ent-associated protein)//0.50:178:62//Hs.31638:X64838
R-PLACE1011675
R-PLACE1011682//ESTs//2.4e-90:465:94//Hs.57830:AI312025
R-PLACE1011719//Human Line-1 repeat mRNA with 2 open reading frames//8.5
e-57:410:83//Hs.23094:M19503
R-PLACE1011725//ESTs//2.0e-70:340:98//Hs.161725:AA251392
R-PLACE1011729//ESTs//7.5e-19:180:79//Hs.119516:AA443426
R-PLACE1011749//Myelin oligodendrocyte glycoprotein {alternative product
s} //7.3e-40:361:77//Hs.53217:Z48051
R-PLACE1011762//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//
3.0e-60:319:76//Hs.103948:K00627
R-PLACE1011778//ESTs//8.0e-70:372:94//Hs.46765:AA521080
R-PLACE1011783//Calcium modulating ligand//8.4e-41:279:85//Hs.13572:AF06
8179
R-PLACE1011858//ESTs//2.6e-69:396:91//Hs.55220:D11563
R-PLACE1011874//Human mRNA for KIAA0033 gene, partial cds//1.2e-53:439:8
0//Hs.22271:D26067
R-PLACE1011875//ESTs//9.0e-88:420:98//Hs.70897:AA987648
R-PLACE1011891//ESTs//3.9e-17:97:100//Hs.84698:AA725913
R-PLACE1011896//ESTs//2.8e-23:176:84//Hs.121540:AI275497
R-PLACE1011922//ESTs//6.6e-35:415:73//Hs.10972:AA164268
R-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//
2.3e-99:546:92//Hs.3838:AF059617
R-PLACE1011962//ESTs//3.3e-49:294:90//Hs.106800:AI031969
R-PLACE1011964//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOM
OLOG [H.sapiens] //2.6e-06:284:63//Hs.124102:AA701285
R-PLACE1011982//ESTs//2.9e-51:291:93//Hs.20792:R14890
R-PLACE1011995//ESTs//4.5e-39:304:81//Hs.138852:AA284247
R-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds//8.0

e-106:540:95//Hs.88756:AB018256
R-PLACE2000003//ESTs//2.0e-103:488:98//Hs.8341:AA490069
R-PLACE2000007//ESTs//2.4e-110:564:95//Hs.65135:W89120
R-PLACE2000011//Homo sapiens clone 614 unknown mRNA, complete sequence//
4.8e-105:524:95//Hs.21811:AF091080
R-PLACE2000015//ESTs//7.1e-111:543:96//Hs.32178:AA083211
R-PLACE2000017//EST//8.2e-46:404:79//Hs.133006:AI049504
R-PLACE2000021//EST//4.5e-19:221:71//Hs.150830:AI302868
R-PLACE2000033//Human melanoma antigen recognized by T-cells (MART-1) mR
NA//1.6e-43:355:79//Hs.154069:U06452
R-PLACE2000034//ESTs//2.2e-21:314:70//Hs.107697:W29013
R-PLACE2000039//H.sapiens mRNA for translin associated protein X//2.9e-4
5:514:72//Hs.96247:X95073
R-PLACE2000047//Homo sapiens class-I MHC-restricted T cell associated mo
lecule (CRTAM) mRNA, complete cds//4.1e-45:358:81//Hs.159523:AF001622
R-PLACE2000050//ESTs//4.5e-65:322:98//Hs.155820:N67652
R-PLACE2000061//Homo sapiens mRNA for KIAA0575 protein, complete cds//9.
2e-41:429:72//Hs.153468:AB011147
R-PLACE2000062//Human mRNA for KIAA0392 gene, partial cds//2.0e-43:296:8
6//Hs.40100:AB002390
R-PLACE2000072//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//6
.2e-111:550:95//Hs.9443:AF027219
R-PLACE2000097//Calcium modulating ligand//6.2e-47:372:80//Hs.13572:AF06
8179
R-PLACE2000100//ESTs//8.8e-42:281:86//Hs.150727:AI292236
R-PLACE2000103//ESTs//4.7e-97:518:93//Hs.118727:W26941
R-PLACE2000111//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA,
partial cds//0.00043:127:71//Hs.42400:AF022789
R-PLACE2000115//ESTs//7.8e-93:458:96//Hs.104520:AA481662

R-PLACE2000132//ESTs//3.8e-69:409:91//Hs.98502:AA433988
 R-PLACE2000136//ESTs//6.2e-05:274:61//Hs.114067:AA701558
 R-PLACE2000140//Homo sapiens mRNA for KIAA0562 protein, complete cds//4.7e-44:302:85//Hs.118401:AB011134
 R-PLACE2000164//ESTs//6.3e-106:506:98//Hs.16390:AI052357
 R-PLACE2000170//Small inducible cytokine A5 (RANTES)//3.7e-42:326:79//Hs.155464:AF088219
 R-PLACE2000172//ESTs//9.6e-43:232:94//Hs.6709:AI379778
 R-PLACE2000176//EST//1.6e-24:154:91//Hs.157734:AI360292
 R-PLACE2000187//Human mRNA for KIAA0033 gene, partial cds//2.0e-49:292:90//Hs.22271:D26067
 R-PLACE2000216//ESTs//0.0041:166:64//Hs.159476:AI382378
 R-PLACE2000223//ESTs//0.49:171:60//Hs.86154:AA207191
 R-PLACE2000235//ESTs//2.9e-39:264:85//Hs.136839:H93717
 R-PLACE2000246//NAD(P)H:menadione oxidoreductase//4.0e-44:331:82//Hs.80706:M81600
 R-PLACE2000264//Human mRNA for KIAA0365 gene, partial cds//4.0e-38:311:81//Hs.84123:AB002363
 R-PLACE2000274//ESTs, Weakly similar to dynein-related protein [H.sapiens]//1.9e-87:422:98//Hs.9740:AI004779
 R-PLACE2000302//ESTs, Highly similar to THREONYL-TRNA SYNTHETASE, CYTOLASMIC [Homo sapiens]//4.8e-68:380:92//Hs.107365:AA720664
 R-PLACE2000305//ESTs//2.6e-43:413:75//Hs.118732:AI344055
 R-PLACE2000317//ESTs//2.8e-92:501:92//Hs.28432:R83380
 R-PLACE2000335//ESTs//4.3e-32:300:77//Hs.163035:AA748058
 R-PLACE2000342//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//0.00071:117:73//Hs.42400:AF022789
 R-PLACE2000347//ESTs//1.6e-30:214:86//Hs.135272:AI347618
 R-PLACE2000359//Zinc finger protein 139 (clone pHZ-37)//5.5e-42:288:86//

Hs.140090:U09848

R-PLACE2000366//Thromboxane A2 receptor//6.7e-53:392:82//Hs.89887:D38081

R-PLACE2000371//ESTs//3.6e-81:409:97//Hs.155138:AA158731

R-PLACE2000373//Homo sapiens mRNA for KIAA0734 protein, partial cds//0.8
9:186:62//Hs.101516:AB018277

R-PLACE2000379//ESTs//3.4e-10:228:64//Hs.57842:W63781

R-PLACE2000394//ESTs//6.7e-41:462:74//Hs.107657:AA126814

R-PLACE2000398//ESTs//4.2e-33:373:74//Hs.155184:AA573189

R-PLACE2000399

R-PLACE2000404//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLA
SMIC [*Saccharomyces cerevisiae*]//4.2e-109:540:96//Hs.6762:AA088424

R-PLACE2000411//ESTs//1.6e-89:459:95//Hs.117589:N25941

R-PLACE2000419//ESTs, Weakly similar to F25H9.6 [*C.elegans*]//1.6e-97:436
:95//Hs.24647:W19739

R-PLACE2000425//Homo sapiens DEC-205 mRNA, complete cds//2.2e-44:287:88/
/Hs.153563:AF011333

R-PLACE2000427//ESTs, Weakly similar to coded for by *C. elegans* cDNA CEE
SI42F [*C.elegans*]//3.0e-113:543:97//Hs.16933:AA976002

R-PLACE2000433//ESTs//1.8e-46:311:85//Hs.145032:AA343523

R-PLACE2000435//ESTs//2.9e-33:243:87//Hs.90964:AA393986

R-PLACE2000438//ESTs//2.8e-09:66:96//Hs.59548:AI279887

R-PLACE2000450//Human mRNA for KIAA0392 gene, partial cds//3.3e-39:394:7
4//Hs.40100:AB002390

R-PLACE2000455//ESTs//1.2e-62:301:99//Hs.151708:AA554714

R-PLACE2000458//ESTs//6.8e-92:473:96//Hs.115897:AA156638

R-PLACE2000465//ESTs//1.3e-45:435:76//Hs.141635:N79228

R-PLACE2000477//ESTs//2.6e-100:536:94//Hs.77822:AA532642

R-PLACE3000004//ESTs//9.1e-114:558:97//Hs.13035:AA151838

R-PLACE3000029//Homo sapiens mRNA for KIAA0575 protein, complete cds//6.

3e-64:350:86//Hs.153468:AB011147
 R-PLACE3000059//EST//0.028:175:61//Hs.159873:R92763
 R-PLACE3000070//ESTs//3.8e-16:200:74//Hs.138771:N70979
 R-PLACE3000103//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.7e-48:468:75//Hs.
 51048:X68830
 R-PLACE3000119//ESTs//1.2e-45:330:83//Hs.35254:AI133727
 R-PLACE3000124//EST//3.1e-75:391:96//Hs.161515:N71739
 R-PLACE3000136//ESTs//8.3e-18:152:84//Hs.10043:D81792
 R-PLACE3000142//ESTs//0.047:183:62//Hs.43102:AA131369
 R-PLACE3000147//ESTs//6.6e-53:310:90//Hs.8230:W07142
 R-PLACE3000148//EST//1.9e-16:184:76//Hs.146570:AI139815
 R-PLACE3000155//ESTs//1.2e-19:192:79//Hs.131350:AA805223
 R-PLACE3000156//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen n
 ecrosis virus]//4.8e-36:262:88//Hs.31532:H18272
 R-PLACE3000157
 R-PLACE3000158//Small inducible cytokine A5 (RANTES)//8.2e-39:296:81//Hs
 .155464:AF088219
 R-PLACE3000160
 R-PLACE3000169//ESTs//1.5e-64:329:97//Hs.129864:R20798
 R-PLACE3000194
 R-PLACE3000197//ESTs//1.4e-38:197:98//Hs.146341:AI269930
 R-PLACE3000199//ESTs, Highly similar to APOLIPOPROTEIN E PRECURSOR [Sus
 crofa]//0.018:261:61//Hs.131370:AA927516
 R-PLACE3000207//EST//1.3e-15:154:78//Hs.136617:AA630476
 R-PLACE3000208//ESTs//1.6e-18:151:82//Hs.155498:W27084
 R-PLACE3000218//ESTs//1.8e-85:463:93//Hs.7849:AI129964
 R-PLACE3000220//ESTs//6.4e-44:308:84//Hs.136839:H93717
 R-PLACE3000226//ESTs//1.3e-49:269:95//Hs.9059:AI359014
 R-PLACE3000230//EST//2.3e-34:258:83//Hs.4382:T02878

R-PLACE3000242//Human trophinin mRNA, complete cds//1.1e-63:546:78//Hs.76313:U04811

R-PLACE3000244//ESTs, Highly similar to NEGATIVE REGULATOR OF MITOSIS [Emericella nidulans]//7.5e-110:549:95//Hs.13692:AA632002

R-PLACE3000254//Human mRNA for KIAA0309 gene, partial cds//2.4e-29:174:94//Hs.87908:AB002307

R-PLACE3000271//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.3e-62:287:82//Hs.97203:U83171

R-PLACE3000276//ESTs//7.5e-07:187:64//Hs.80720:AA031782

R-PLACE3000304//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//4.0e-59:456:80//Hs.108966:U48696

R-PLACE3000310//ISLET AMYLOID POLYPEPTIDE PRECURSOR//6.0e-45:302:86//Hs.51048:X68830

R-PLACE3000320//Interleukin 10//9.6e-42:288:85//Hs.2180:M57627

R-PLACE3000322//ESTs, Highly similar to ARGININOSUCCINATE LYASE [Homo sapiens]//5.8e-34:190:95//Hs.114531:N74103

R-PLACE3000331//Homo sapiens mRNA for KIAA0772 protein, complete cds//3.7e-32:239:84//Hs.15519:AB018315

R-PLACE3000339//ESTs//1.3e-109:548:96//Hs.7871:AI041837

R-PLACE3000341//EST//1.1e-11:231:68//Hs.131328:AA922688

R-PLACE3000350//Human mRNA for adipogenesis inhibitory factor//8.0e-40:291:76//Hs.1721:X58377

R-PLACE3000352//EST//1.8e-72:343:100//Hs.144871:AI202380

R-PLACE3000353//ESTs//2.0e-75:395:95//Hs.107260:W52683

R-PLACE3000362//EST//2.8e-80:381:99//Hs.136233:AA261888

R-PLACE3000363

R-PLACE3000365//EST//4.8e-50:307:88//Hs.149580:AI281881

R-PLACE3000373//ESTs//5.8e-60:422:83//Hs.142826:W87430

R-PLACE3000388//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//1.0e-35:427:73//Hs.138795:R98534
R-PLACE3000399//ESTs//6.5e-05:162:66//Hs.149440:AI274570
R-PLACE3000400//ESTs//8.3e-05:310:63//Hs.17697:AA287528
R-PLACE3000401//ESTs//4.6e-60:326:80//Hs.139555:N48230
R-PLACE3000402//Homo sapiens clone 24629 mRNA sequence//0.50:227:62//Hs.
142570:AF052160
R-PLACE3000405//Human HsLIM15 mRNA for HsLim15, complete cds//5.3e-43:31
5:82//Hs.37181:D64108
R-PLACE3000406//Human high-affinity copper uptake protein (hCTR1) mRNA,
complete cds//4.4e-47:302:87//Hs.73614:U83460
R-PLACE3000413//ESTs//1.6e-116:571:97//Hs.10235:H93077
R-PLACE3000416//Small inducible cytokine A5 (RANTES)//1.8e-41:300:85//Hs
.155464:AF088219
R-PLACE3000425//Homo sapiens 4F5S mRNA, complete cds//1.6e-46:307:85//Hs
.32567:AF073519
R-PLACE3000455//ESTs//1.0:160:64//Hs.156045:AA884461
R-PLACE3000475//Human signal transducing adaptor molecule STAM mRNA, com
plete cds//6.1e-84:440:92//Hs.153487:U43899
R-PLACE3000477//ESTs//2.4e-113:568:96//Hs.24557:AA142980
R-PLACE4000009//ESTs//1.5e-72:361:96//Hs.10119:AA700227
R-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//8.8
e-85:433:95//Hs.105399:AB018352
R-PLACE4000034//ESTs//7.0e-110:550:96//Hs.76607:AA156240
R-PLACE4000049//EST//0.028:87:75//Hs.89303:AA284031
R-PLACE4000052//ESTs//5.6e-116:553:98//Hs.19067:AA521292
R-PLACE4000063//ESTs//5.0e-80:388:98//Hs.135028:AI096444
R-PLACE4000089//ESTs//2.3e-97:479:97//Hs.102425:AA807547
R-PLACE4000093//ESTs//1.5e-82:391:99//Hs.160730:AI142739

R-PLACE4000100

R-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.7e-98:419:91//Hs.129937:AB007931

R-PLACE4000128//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.8e-11:184:71//Hs.154278:N45985

R-PLACE4000129//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//5.2e-21:118:100//Hs.118164:AB007969

R-PLACE4000147//EST//1.6e-23:175:79//Hs.162236:AA551582

R-PLACE4000156//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.0e-47:306:88//Hs.153468:AB011147

R-PLACE4000192//ESTs, Weakly similar to similar to Human zinc finger protein(ZNF142) [H.sapiens]//6.7e-31:232:82//Hs.16493:T92186

R-PLACE4000222//ESTs//2.2e-53:195:85//Hs.141575:AA211734

R-PLACE4000233//ESTs//2.9e-81:456:93//Hs.124964:R81949

R-PLACE4000247//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.5e-72:307:85//Hs.113283:AF018080

R-PLACE4000250//Small inducible cytokine A5 (RANTES)//7.1e-43:301:83//Hs.155464:AF088219

R-PLACE4000252//EST//1.6e-40:275:85//Hs.162197:AA535216

R-PLACE4000261//EST//0.0063:384:58//Hs.136284:AA400442

R-PLACE4000269//ESTs//7.3e-67:345:97//Hs.5000:R44586

R-PLACE4000270//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-37:352:77//Hs.77579:AF013263

R-PLACE4000300//EST//0.26:103:68//Hs.144438:AA780782

R-PLACE4000320//EST//2.7e-44:298:85//Hs.162404:AA573131

R-PLACE4000323//ESTs//8.8e-38:178:79//Hs.155475:AA761454

R-PLACE4000326//ESTs//7.4e-103:516:96//Hs.55042:AA150460

R-PLACE4000344//ESTs//9.9e-94:463:96//Hs.100057:AA001414

R-PLACE4000367//ESTs//0.81:102:73//Hs.107692:H38478

R-PLACE4000369//ESTs//1.5e-69:390:92//Hs.13733:AA418656
R-PLACE4000379//ESTs//1.3e-67:373:91//Hs.48569:AA905425
R-PLACE4000387//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING
ENTRY !!!! [H.sapiens]//1.9e-44:379:78//Hs.152369:AA504818
R-PLACE4000392//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]/
//2.3e-70:482:83//Hs.140416:AA778649
R-PLACE4000401//ESTs//1.3e-18:151:84//Hs.150355:AI273502
R-PLACE4000411//ESTs//1.1e-108:543:96//Hs.23901:AA169780
R-PLACE4000445//ESTs, Weakly similar to C05D9.6 gene product [C.elegans]
//2.6e-111:530:98//Hs.12003:AA643063
R-PLACE4000465//Cytochrome P450, subfamily I (aromatic compound-inducibl
e), polypeptide 2//8.5e-58:409:72//Hs.1361:M55053
R-PLACE4000489//ESTs//5.0e-70:342:98//Hs.72865:AI380932
R-PLACE4000494//ESTs//1.4e-109:525:98//Hs.22539:AI334210
R-PLACE4000522//ESTs//6.3e-88:471:93//Hs.8121:AA521290
R-PLACE4000548//ESTs//3.3e-86:441:96//Hs.5070:AA149527
R-PLACE4000558//Human putative monocarboxylate transporter (MCT) mRNA, c
omplete cds//5.7e-46:425:76//Hs.23590:U59185
R-THYRO1000026//ESTs//2.6e-42:331:82//Hs.137875:AA993532
R-THYRO1000034//ESTs//2.1e-43:214:100//Hs.153018:AI243524
R-THYRO1000035//ESTs//7.6e-52:325:90//Hs.49817:AA001249
R-THYRO1000040//ESTs//1.7e-94:459:98//Hs.48712:AI027889
R-THYRO1000070//ESTs//6.7e-43:283:86//Hs.37573:H59651
R-THYRO1000072//ESTs//1.3e-57:313:96//Hs.127827:H13438
R-THYRO1000085//ESTs//1.1e-90:439:98//Hs.150539:AA908435
R-THYRO1000092//Human mRNA for KIAA0355 gene, complete cds//1.3e-41:344:
79//Hs.153014:AB002353
R-THYRO1000107//Interleukin 10//2.8e-43:292:84//Hs.2180:M57627
R-THYRO1000111//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HO

MOLOG [Homo sapiens] //1.0e-52:413:80//Hs.140385:AA773359
R-THYRO1000121//EST//0.24:78:74//Hs.156632:AI345108
R-THYRO1000124//ESTs//2.8e-86:428:96//Hs.141634:AI122764
R-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds//6.8e-90:449:96//Hs.87619:AF087142
R-THYRO1000132//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens] //5.2e-49:486:77//Hs.24164:N95217
R-THYRO1000156//ESTs//6.1e-36:344:75//Hs.70279:AA757426
R-THYRO1000163//Homo sapiens LIM protein mRNA, complete cds//4.8e-38:278:84//Hs.154103:AF061258
R-THYRO1000173//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus] //1.1e-111:554:96//Hs.18894:AA910946
R-THYRO1000186//ESTs//1.0e-44:339:83//Hs.155184:AA573189
R-THYRO1000187//Small inducible cytokine A5 (RANTES)//1.1e-41:305:81//Hs.155464:AF088219
R-THYRO1000190//Small inducible cytokine A5 (RANTES)//2.3e-44:301:85//Hs.155464:AF088219
R-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease//3.6e-110:535:97//Hs.43445:AJ005698
R-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds//4.3e-115:559:97//Hs.79672:AB014552
R-THYRO1000206//ESTs//3.1e-90:507:90//Hs.32456:W29063
R-THYRO1000221//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens] //1.1e-72:357:98//Hs.140002:AA635349
R-THYRO1000241//Homo sapiens mRNA for KIAA0688 protein, complete cds//7.8e-69:524:82//Hs.141874:AB014588
R-THYRO1000242//ESTs//4.2e-27:222:85//Hs.77554:W87927
R-THYRO1000253//Sialophorin (gpL115, leukosialin, CD43)//7.3e-40:318:80//Hs.80738:X52075

R-THYR01000270//ESTs//1.9e-99:531:94//Hs.17767:N62925
R-THYR01000279//EST//2.7e-54:266:99//Hs.149527:AI280674
R-THYR01000288//Homo sapiens mRNA for Hs Ste24p, complete cds//3.5e-100:
566:91//Hs.25846:AB016068
R-THYR01000320//POLYPOSIS LOCUS PROTEIN 1//1.0:321:58//Hs.74648:M73547
R-THYR01000327//Autocrine motility factor receptor//9.2e-54:289:93//Hs.8
0731:M63175
R-THYR01000343//Homo sapiens mRNA for KIAA0790 protein, partial cds//3.4
e-113:559:96//Hs.12002:AB018333
R-THYR01000358//Human selenium-binding protein (hSBP) mRNA, complete cds
//1.5e-48:317:87//Hs.7833:U29091
R-THYR01000368//ESTs//4.7e-88:430:98//Hs.146085:AA021064
R-THYR01000381//ESTs//1.0:253:57//Hs.128783:AA436250
R-THYR01000387//Homo sapiens ubiquitin conjugating enzyme G2 (UBE2G2) mR
NA, complete cds//4.6e-69:294:84//Hs.151614:AF032456
R-THYR01000394//Thromboxane A2 receptor//4.1e-40:232:87//Hs.89887:D38081
R-THYR01000395//ESTs//3.3e-20:160:83//Hs.101570:AA505429
R-THYR01000401//ESTs//1.3e-109:516:99//Hs.78524:AI140601
R-THYR01000438//ESTs//2.1e-48:360:83//Hs.141203:H52638
R-THYR01000452//ESTs, Weakly similar to No definition line found [C.eleg
ans]//8.5e-40:239:90//Hs.84009:AI309761
R-THYR01000471//ESTs//3.3e-36:302:80//Hs.70279:AA757426
R-THYR01000484//Homo sapiens mRNA for KIAA0737 protein, complete cds//2.
2e-49:479:75//Hs.17630:AB018280
R-THYR01000488//Homa sapiens mRNA for HRIHFB2038, partial cds//4.1e-89:4
71:94//Hs.28719:AB015333
R-THYR01000501//ESTs//1.5e-46:287:89//Hs.125300:R62360
R-THYR01000502//ESTs//1.7e-08:63:96//Hs.116319:AI208005
R-THYR01000505//ESTs, Weakly similar to KIAA0281 [H.sapiens]//3.9e-57:28

6:96//Hs.105861:AI206965

R-THYRO1000558//ESTs//1.7e-95:454:99//Hs.125063:AA648511

R-THYRO1000569//ESTs//3.2e-89:463:94//Hs.20555:W22193

R-THYRO1000570//ESTs//2.8e-97:471:97//Hs.8245:AA115485

R-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete cds//2.6e-108:533:97//Hs.151411:AF075587

R-THYRO1000596//ESTs//3.1e-99:527:94//Hs.6084:AA045247

R-THYRO1000602//EST//6.9e-50:381:83//Hs.161917:AA483223

R-THYRO1000605//ESTs, Weakly similar to monocytic leukaemia zinc finger protein [H.sapiens]//1.2e-96:483:96//Hs.21907:N24415

R-THYRO1000625//ESTs//5.6e-36:257:84//Hs.139657:AA191742

R-THYRO1000637

R-THYRO1000641//ESTs, Weakly similar to ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN [H.sapiens]//4.9e-46:245:95//Hs.97398:AA398634

R-THYRO1000658//ESTs//5.8e-48:281:90//Hs.142259:AA828840

R-THYRO1000662//ESTs//1.5e-82:389:99//Hs.155573:AA487384

R-THYRO1000666//ESTs//1.4e-26:179:88//Hs.98382:AA779866

R-THYRO1000676//EST//6.4e-05:88:77//Hs.133424:AI061063

R-THYRO1000684//ESTs//1.9e-69:374:94//Hs.144617:R77109

R-THYRO1000699//ESTs//1.7e-58:394:86//Hs.26373:AA700713

R-THYRO1000712

R-THYRO1000734//EST//2.0e-06:95:73//Hs.156201:AA724287

R-THYRO1000748//EST//4.1e-12:155:74//Hs.118694:AA148713

R-THYRO1000756//ESTs, Weakly similar to CMP-N-ACETYLNEURAMINATE-BETA-GALACTOSAMIDE-ALPHA-2,3-SIALYLTRANSFERASE [H.sapiens]//8.1e-82:497:87//Hs.109672:W22624

R-THYRO1000777

R-THYRO1000783//EST//5.6e-100:470:99//Hs.123515:AA812932

R-THYRO1000787//EST//8.0e-34:175:99//Hs.99607:AA463897

R-THYRO1000793//ESTs//2.2e-106:505:99//Hs.50929:AA443144
 R-THYRO1000796//ESTs//4.3e-44:445:75//Hs.55855:AA621381
 R-THYRO1000805//EST//2.6e-32:407:67//Hs.123424:AA813594
 R-THYRO1000815//Human mRNA for KIAA0033 gene, partial cds//2.0e-56:307:87//Hs.22271:D26067
 R-THYRO1000829
 R-THYRO1000843//Interleukin 10//1.1e-44:285:87//Hs.2180:M57627
 R-THYRO1000852//EST//2.3e-20:157:85//Hs.149580:AI281881
 R-THYRO1000855//ESTs//2.6e-44:359:81//Hs.140329:AA714011
 R-THYRO1000865//Protein kinase, interferon-inducible double stranded RNA dependent//2.8e-44:374:79//Hs.73821:M35663
 R-THYRO1000895//ESTs//1.0e-32:196:85//Hs.138630:H97871
 R-THYRO1000916//ESTs//4.6e-99:492:96//Hs.152442:AA528234
 R-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//3.1e-110:566:94//Hs.78106:AF079529
 R-THYRO1000934//ESTs//7.4e-102:535:95//Hs.58194:W72182
 R-THYRO1000951//ESTs//4.2e-11:91:89//Hs.6278:T15859
 R-THYRO1000952//ESTs//3.9e-93:489:94//Hs.48928:AA211761
 R-THYRO1000974//Homo sapiens ribosomal protein L33-like protein mRNA, complete cds//1.1e-60:321:95//Hs.14454:AF047440
 R-THYRO1000975//EST//9.8e-49:303:89//Hs.149580:AI281881
 R-THYRO1000983//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD 11 [Arabidopsis thaliana]//1.6e-90:474:93//Hs.106616:AI027524
 R-THYRO1000984//ESTs//5.9e-97:481:96//Hs.142457:AI202777
 R-THYRO1000988//EST//3.5e-42:241:83//Hs.162404:AA573131
 R-THYRO1001003//ESTs, Weakly similar to ubiquitin-conjugating enzyme [H. sapiens]//3.0e-57:341:91//Hs.44049:AA521489
 R-THYRO1001031//ESTs//5.5e-47:322:85//Hs.136839:H93717
 R-THYRO1001033//ESTs//5.7e-89:427:98//Hs.71508:AA809070

R-THYRO1001062//EST//1.5e-46:291:89//Hs.161917:AA483223
R-THYRO1001093//ESTs//2.7e-80:468:90//Hs.124601:AA203497
R-THYRO1001100
R-THYRO1001120//ESTs, Moderately similar to fractionated X-irradiation-induced 29 thymoma [M.musculus]//6.6e-86:491:89//Hs.89135:AI138834
R-THYRO1001121//Homo sapiens mRNA for beta-tubulin folding cofactor D//2.6e-82:429:94//Hs.12570:AJ006417
R-THYRO1001133//ESTs//2.9e-39:242:90//Hs.152340:AA521399
R-THYRO1001134//ESTs//1.8e-102:521:95//Hs.108408:N31922
R-THYRO1001142//ESTs//0.26:84:69//Hs.153434:AI287853
R-THYRO1001173//Human mRNA for KIAA0238 gene, partial cds//0.0012:305:62//Hs.82042:D87075
R-THYRO1001177
R-THYRO1001189//H.sapiens F11 mRNA//1.5e-59:260:83//Hs.159639:X77744
R-THYRO1001204//ESTs, Weakly similar to TH1 protein [D.melanogaster]//1.0e-75:431:91//Hs.5184:AA709151
R-THYRO1001213//ESTs//1.3e-75:409:92//Hs.140213:AA828932
R-THYRO1001262//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//1.3e-48:349:83//Hs.139107:K00629
R-THYRO1001271//PUTATIVE PROTEIN PHOSPHATASE 2C//1.0:128:64//Hs.118728:D13640
R-THYRO1001290//ESTs//2.1e-89:424:99//Hs.118152:AA702561
R-THYRO1001313//ESTs//3.5e-17:139:87//Hs.15827:H16269
R-THYRO1001320//ESTs//1.4e-61:403:79//Hs.139555:N48230
R-THYRO1001321//Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)//8.5e-05:326:60//Hs.82314:M31642
R-THYRO1001322//ESTs//0.16:422:59//Hs.23876:AA082935
R-THYRO1001347//ESTs, Weakly similar to C35A5.8 [C.elegans]//1.1e-106:562:94//Hs.15032:AA774250

R-THYRO1001363//ESTs//1.4e-99:508:95//Hs.5028:D51033
R-THYRO1001365
R-THYRO1001374
R-THYRO1001401//Human HsLIM15 mRNA for HsLim15, complete cds//2.5e-48:46
7:75//Hs.37181:D64108
R-THYRO1001403//Interleukin 10//2.1e-46:305:85//Hs.2180:M57627
R-THYRO1001405//ESTs//4.8e-25:197:84//Hs.6907:W72733
R-THYRO1001406//EST//0.0023:117:66//Hs.162931:AA633197
R-THYRO1001411//ESTs//6.1e-77:421:93//Hs.22973:R40979
R-THYRO1001426//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0508//9.1e-49:305:86//Hs.159187:AB007977
R-THYRO1001434//ESTs//0.40:161:61//Hs.161993:AA503172
R-THYRO1001458//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens]//1.7e-05:159:66//Hs.104239:AA488082
R-THYRO1001480//Small inducible cytokine A5 (RANTES)//1.3e-40:331:79//Hs
.155464:AF088219
R-THYRO1001487//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.
1e-17:134:76//Hs.15731:AB011135
R-THYRO1001534//ESTs//4.6e-96:447:100//Hs.135204:AI093110
R-THYRO1001537//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//5.0e-33:304:80//Hs.108740:W20094
R-THYRO1001541//Human peptide transporter (HPEPT1) mRNA, complete cds//9
.0e-49:427:76//Hs.2217:U21936
R-THYRO1001559//ESTs//0.99:210:62//Hs.33619:AA021594
R-THYRO1001570//ESTs//4.9e-48:287:91//Hs.27131:AA442413
R-THYRO1001573//ESTs//2.1e-87:446:95//Hs.143669:AA621958
R-THYRO1001584//ESTs//1.5e-64:354:95//Hs.146222:AA397741
R-THYRO1001595//ESTs//5.7e-39:366:78//Hs.22562:R54247
R-THYRO1001602//Insulin-like growth factor 1 (somatomedia C)//7.4e-12:28

8:67//Hs.85112:X57025

R-THYRO1001605//Human GS2 mRNA, complete cds//6.9e-49:359:83//Hs.264:U03
886

R-THYRO1001617//Homo sapiens peroxisomal acyl-CoA: dihydroxyacetonephosph
ate acyltransferase (DHAPAT) mRNA, complete cds//1.3e-82:434:93//Hs.1248
2:AJ002190

R-THYRO1001637//Homo sapiens KIAA0414 mRNA, partial cds//7.1e-58:331:83/
/Hs.127649:AB007874

R-THYRO1001656//ESTs//3.8e-19:209:75//Hs.92186:AI080282

R-THYRO1001661//ESTs//1.4e-56:323:91//Hs.24984:AA534446

R-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59
kDa isoform//1.6e-111:562:95//Hs.118633:AJ225089

R-THYRO1001673//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0488//1.0e-17:246:73//Hs.67619:AB007957

R-THYRO1001703//ESTs//1.1e-39:142:97//Hs.110748:AI341726

R-THYRO1001706//ESTs//2.2e-42:214:99//Hs.112536:AI147691

R-THYRO1001721

R-THYRO1001738//ESTs, Weakly similar to ZK1128.6 [C.elegans]//1.7e-10:14
7:77//Hs.158196:R53184

R-THYRO1001745//ELK1, member of ETS oncogene family//1.8e-12:282:65//Hs.
116549:AL009172

R-THYRO1001746//EST//0.0073:226:61//Hs.146544:AI125323

R-THYRO1001772//ESTs//8.2e-100:495:97//Hs.144993:AA243474

R-THYRO1001793//ESTs//2.5e-89:430:97//Hs.58127:AA534224

R-THYRO1001809//ESTs//1.0e-41:327:80//Hs.146811:AA410788

R-THYRO1001854//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0487//5.7e-38:242:83//Hs.92381:AB007956

R-THYRO1001895//ESTs//1.7e-08:213:64//Hs.156056:AI352123

R-THYRO1001907//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN

G ENTRY !!!! [H.sapiens] //3.7e-41:362:79//Hs.139007:H74314
R-VESEN1000122
R-Y79AA1000013//ESTs//0.99:233:57//Hs.132216:AA923289
R-Y79AA1000033//EST//1.9e-62:324:95//Hs.157692:AI359321
R-Y79AA1000037//ESTs//6.1e-47:234:98//Hs.30773:AA557178
R-Y79AA1000059//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.8
e-51:330:89//Hs.153026:AB014540
R-Y79AA1000065//ESTs//2.0e-91:497:94//Hs.37759:H59629
R-Y79AA1000131//EST//2.3e-16:184:75//Hs.141501:N50792
R-Y79AA1000181//ESTs, Weakly similar to No definition line found [C.eleg
ans] //2.4e-110:553:95//Hs.23159:AA113849
R-Y79AA1000202//Human mRNA for KIAA0169 gene, partial cds//0.094:185:62/
/Hs.79414:D79991
R-Y79AA1000214//ESTs//1.7e-93:495:94//Hs.11673:W68103
R-Y79AA1000230//ESTs//3.5e-114:553:98//Hs.47125:AI421812
R-Y79AA1000231//ESTs//1.1e-106:526:97//Hs.82856:AI246624
R-Y79AA1000258//ESTs//1.5e-99:490:97//Hs.6459:AI092936
R-Y79AA1000268//Human mRNA for KIAA0365 gene, partial cds//1.3e-44:320:8
4//Hs.84123:AB002363
R-Y79AA1000313//ESTs//1.7e-105:558:93//Hs.18851:AA857826
R-Y79AA1000328//ESTs//1.9e-76:448:91//Hs.16470:AA121635
R-Y79AA1000342//ESTs, Weakly similar to MATRIN 3 [H.sapiens] //2.0e-37:23
9:88//Hs.23476:AA401210
R-Y79AA1000346//ESTs//7.9e-12:139:76//Hs.115987:AA483808
R-Y79AA1000349//ESTs, Moderately similar to spermatid perinuclear RNA-bi
nding protein Spnr [M.musculus] //4.4e-66:339:97//Hs.8215:AA521150
R-Y79AA1000355//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens] //3.2e-44:279:88//Hs.139007:H74314
R-Y79AA1000368//ESTs//3.8e-97:513:94//Hs.68090:AA641018

R-Y79AA1000405//ESTs//4.4e-47:267:94//Hs.125304:R51613
 R-Y79AA1000410//ESTs//7.4e-49:359:82//Hs.158107:AA707758
 R-Y79AA1000420//EST//0.17:99:69//Hs.160859:AI352292
 R-Y79AA1000469//ESTs, Highly similar to ancient ubiquitous 46 kDa protein AUP46 precursor [M.musculus]//3.1e-60:362:88//Hs.6381:AI188509
 R-Y79AA1000480//ESTs//1.0e-75:433:91//Hs.78110:AA741320
 R-Y79AA1000538//EST//7.9e-48:307:87//Hs.149580:AI281881
 R-Y79AA1000539//Human kinesin-like spindle protein HKSP (HKSP) mRNA, complete cds//0.95:172:62//Hs.41723:U37426
 R-Y79AA1000540//ESTs//1.5e-97:534:93//Hs.67991:AA147848
 R-Y79AA1000560//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]//8.2e-97:482:97//Hs.19121:AI125280
 R-Y79AA1000574//ESTs, Weakly similar to M04B2.4 [C.elegans]//1.3e-107:564:93//Hs.16361:AI147455
 R-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//3.4e-99:517:94//Hs.60580:AF060503
 R-Y79AA1000705//ESTs, Weakly similar to HYPOTHETICAL 128.5 KD HELICASE. I IN AT51-TPD3 INTERGENIC REGION [Saccharomyces cerevisiae]//8.1e-27:140:100//Hs.129049:H28818
 R-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds//8.7e-114:586:95//Hs.83023:AF093670
 R-Y79AA1000748//ESTs, Weakly similar to HYPOTHETICAL 61.3 KD PROTEIN F25 B5.5 IN CHROMOSOME III [C.elegans]//9.8e-111:563:95//Hs.19845:AI005330
 R-Y79AA1000752//Homo sapiens (huc) mRNA, complete cds//0.97:235:59//Hs.1701:L26405
 R-Y79AA1000774//ESTs//5.9e-109:559:95//Hs.17138:N91463
 R-Y79AA1000782//Human mRNA for KIAA0246 gene, partial cds//1.6e-18:107:100//Hs.84753:D87433
 R-Y79AA1000784//EST//0.80:87:67//Hs.158558:AI368359

R-Y79AA1000794//ESTs//2.7e-99:498:96//Hs.25441:AA580512
 R-Y79AA1000800//ESTs//1.2e-97:532:93//Hs.77822:AA532642
 R-Y79AA1000802//Carboxypeptidase E//0.018:354:59//Hs.75360:X51405
 R-Y79AA1000805
 R-Y79AA1000824//ESTs//0.99:276:61//Hs.153992:AA280227
 R-Y79AA1000827//ESTs//1.2e-55:326:92//Hs.158127:AI334650
 R-Y79AA1000850//Homo sapiens small optic lobes homolog (SOLH) mRNA, complete cds//0.016:386:59//Hs.55836:U85647
 R-Y79AA1000962//EST//0.024:177:63//Hs.25214:R37079
 R-Y79AA1000968
 R-Y79AA1000969//ESTs//2.9e-70:251:98//Hs.120858:AA417181
 R-Y79AA1000976//ESTs//7.8e-56:299:95//Hs.120125:M86049
 R-Y79AA1000985
 R-Y79AA1001023//ESTs//5.7e-66:379:90//Hs.64616:W22851
 R-Y79AA1001041//ESTs//8.6e-06:54:100//Hs.8980:AA629067
 R-Y79AA1001048//ESTs//4.4e-97:461:99//Hs.7010:AA837407
 R-Y79AA1001061//ESTs//3.8e-105:493:99//Hs.128419:AI271325
 R-Y79AA1001068//Homo sapiens mRNA for KIAA0563 protein, complete cds//4.8e-53:279:83//Hs.15731:AB011135
 R-Y79AA1001077//ESTs//1.9e-51:339:87//Hs.11197:AA309047
 R-Y79AA1001078//ESTs//8.3e-98:528:92//Hs.24608:AA161260
 R-Y79AA1001105//ESTs//6.0e-77:393:96//Hs.30837:H08155
 R-Y79AA1001145//ESTs//1.7e-13:285:64//Hs.128259:AA343015
 R-Y79AA1001167
 R-Y79AA1001177//EST//1.2e-05:92:76//Hs.65277:T15884
 R-Y79AA1001185
 R-Y79AA1001211//ESTs//1.3e-70:344:97//Hs.49760:AA741051
 R-Y79AA1001216//ESTs//5.8e-63:416:88//Hs.8595:W60933
 R-Y79AA1001228//ESTs//9.3e-101:483:98//Hs.13916:AI025750

R-Y79AA1001233//EST//0.00027:232:62//Hs.132431:AA909674
R-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin))//1.1e-110:549:95//Hs.23170:AJ005892
R-Y79AA1001281//ESTs//3.6e-98:466:99//Hs.104442:AA481271
R-Y79AA1001299//Human In11 mRNA, complete cds//9.6e-25:133:100//Hs.155626:U04847
R-Y79AA1001312//ESTs//3.4e-92:454:97//Hs.127319:AI191149
R-Y79AA1001323//ESTs//1.6e-67:422:89//Hs.118559:AA887084
R-Y79AA1001384//ESTs//3.1e-104:496:98//Hs.153692:AA604143
R-Y79AA1001391//ESTs//2.2e-77:418:94//Hs.118608:AA101819
R-Y79AA1001394//ESTs//2.1e-78:409:95//Hs.23413:AA579859
R-Y79AA1001402//EST//9.3e-08:128:75//Hs.141607:N63891
R-Y79AA1001493//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2 -17 KD 11 [Arabidopsis thaliana] //4.4e-109:553:95//Hs.106616:AI027524
R-Y79AA1001511//ESTs//4.9e-49:271:92//Hs.109045:AA523704
R-Y79AA1001533//ESTs, Moderately similar to RNA polymerase I associated factor [M.musculus] //6.2e-46:260:94//Hs.24884:AA176812
R-Y79AA1001541//EST//0.62:126:67//Hs.137020:AA868563
R-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//3.5e-95:517:91//Hs.76987:AF012872
R-Y79AA1001555//Collagen, type XI, alpha 1//1.0:157:64//Hs.82772:J04177
R-Y79AA1001585//ESTs//1.9e-90:430:98//Hs.48333:AA704508
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R-Y79AA1001603//ESTs//1.0e-50:193:100//Hs.25635:AI336204
R-Y79AA1001613//ESTs, Weakly similar to zinc finger protein [H.sapiens] / /7.2e-81:400:97//Hs.13323:AA897542
R-Y79AA1001647//ESTs//6.8e-92:479:95//Hs.154270:N26486
R-Y79AA1001665//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.col

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R-Y79AA1001692
R-Y79AA1001696//ESTs//1.4e-84:478:91//Hs.6606:AA211783
R-Y79AA1001705//ESTs//6.7e-107:546:95//Hs.106805:AA418490
R-Y79AA1001711//Human DNA sequence from clone 1119D9 on chromosome 20p12 . Contains part of a gene for a PAK1 LIKE Serine/Threonine-Protein Kinase and part of the PLCB4 gene for Phospholipase C, beta (1-Phosphatidylinositol -4,5-Bisphosphate Phosphodiesterase Beta 4). Contains ESTs, STSS and GSSs//0.0085:251:63//Hs.21864:AL031652
R-Y79AA1001781//ESTs, Weakly similar to partial CDS [C.elegans] //9.4e-87:427:97//Hs.18645:AI023798
R-Y79AA1001805//ESTs//1.1e-112:558:97//Hs.109755:AA180809
R-Y79AA1001827//ESTs, Weakly similar to Similar to S.cerevisiae YD9335.0 3c protein [H.sapiens] //8.1e-95:530:91//Hs.72444:W23217
R-Y79AA1001846//EST//2.8e-41:312:81//Hs.162236:AA551582
R-Y79AA1001848//Human adhalin (DAG2) mRNA, complete cds//0.54:221:58//Hs.99931:L34355
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R-Y79AA1002083//Homo sapiens mRNA for KIAA0563 protein, complete cds//0.69:93:73//Hs.15731:AB011135
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R-Y79AA1002246//ESTs, Weakly similar to PROTEIN KINASE C, BRAIN ISOZYME [D.melanogaster] //9.0e-102:507:96//Hs.25895:AI341537

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R-Y79AA1002431//EST//6.6e-23:128:98//Hs.128417:AA975026

R-Y79AA1002433//ESTs, Highly similar to CELL DIVISION CONTROL PROTEIN 6

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<211> 782

<212> DNA

<213> Homo sapiens

<400> 14

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<211> 589

<212> DNA

<213> Homo sapiens

<400> 15

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<210> 16

<211> 730

<212> DNA

<213> Homo sapiens

<400> 16

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<210> 17

<211> 542

<212> DNA

<213> Homo sapiens

<400> 17

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<210> 18

<211> 751

<212> DNA

<213> Homo sapiens

<400> 18

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751

<210> 19

<211> 806

<212> DNA

<213> Homo sapiens

<400> 19

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<210> 20

<211> 891

<212> DNA

<213> Homo sapiens

<400> 20

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<210> 21

<211> 873

<212> DNA

<213> Homo sapiens

<400> 21

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<210> 22

<211> 779

<212> DNA

<213> Homo sapiens

<400> 22

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<210> 23

<211> 856

<212> DNA

<213> Homo sapiens

<400> 23

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<210> 24

<211> 740

<212> DNA

<213> Homo sapiens

<400> 24

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<210> 25

<211> 794

<212> DNA

<213> Homo sapiens

<400> 25

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<210> 26

<211> 703

<212> DNA

<213> Homo sapiens

<400> 26

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<210> 27

<211> 685

<212> DNA

<213> Homo sapiens

<400> 27

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<210> 28

<211> 724

<212> DNA

<213> Homo sapiens

<400> 28

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<210> 29

<211> 718

<212> DNA

<213> Homo sapiens

<400> 29

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<210> 30

<211> 906

<212> DNA

<213> Homo sapiens

<400> 30

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<211> 698

<212> DNA

<213> Homo sapiens

<400> 31

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<210> 32

<211> 827

<212> DNA

<213> Homo sapiens

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 gaaaggatgg atttgtttag acaacacaaa cctaggaagg gtttganaag tganacaagc 780
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<210> 33

<211> 849

<212> DNA

<213> Homo sapiens

<400> 33

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<210> 34

<211> 245

<212> DNA

<213> Homo sapiens

<400> 34

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<210> 35

<211> 820

<212> DNA

<213> Homo sapiens

<400> 35

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<210> 36

<211> 884

<212> DNA

<213> Homo sapiens

<400> 36

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<210> 37

<211> 917

<212> DNA

<213> Homo sapiens

<400> 37

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<210> 38

<211> 743

<212> DNA

<213> Homo sapiens

<400> 38

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<210> 39

<211> 707

<212> DNA

<213> Homo sapiens

<400> 39

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<210> 40

<211> 752

<212> DNA

<213> Homo sapiens

<400> 40

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<210> 41

<211> 545

<212> DNA

<213> Homo sapiens

<400> 41

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ttgca

545

<210> 42

<211> 791

<212> DNA

<213> Homo sapiens

<400> 42

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<210> 43

<211> 683

<212> DNA

<213> Homo sapiens

<400> 43

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<210> 44

<211> 761

<212> DNA

<213> Homo sapiens

<400> 44

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 aacctcctac gggncnttta tgagctgtcg cagactcacc gggcctttgg gggacgtgtt 720
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<210> 45

<211> 757

<212> DNA

<213> Homo sapiens

<400> 45

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<210> 46

<211> 747

<212> DNA

<213> Homo sapiens

<400> 46

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<210> 47

<211> 721

<212> DNA

<213> Homo sapiens

<400> 47

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 gcgggtgcct tctcctcttc cccgggggtnc aaggggccac tccgagccgc tcgggagtcc 660
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<210> 48

<211> 705

<212> DNA

<213> Homo sapiens

<400> 48

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 aattaacttg ctagtttact ggtttactag tttattatct gtctccttc attatccctc 300
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<210> 49

<211> 548

<212> DNA

<213> Homo sapiens

<400> 49

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tagacactaa gagaggaaga aaggaaaaaa ggatatacaa aatgacaaca aaataaaaat	180
catatcaagt atcttctcag accacagtga aactagaaat taataccaag aataactttg	240
gaaactatac aaactcctgg acacatataa cttaccaaga ctgaaccaag aagaaatata	300
aaacatgaac ggaccattaa tgagtaacga gattgaatga gtaataaaaa gtccccaac	360
aaagaaaaga ccaggactgc atggcttcac agctgaattc taccaatctt taaaaagaaa	420
aaatactaac tcttctcaaa ctattccaga aacttgaagg cgggggtgt gggagtggaa	480
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<210> 50

<211> 680

<212> DNA

<213> Homo sapiens

<400> 50

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tcctttttct cttttttgaa tatcatggac ttggatgtt ttaaaatcca atattttacc	180
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tttctaatat tccattggat ggatatacca cattttgtac atcagttgat ggatacgtgt	600

acgttttana tggaacagtt cccatggctt ttccactcaa gttaggggtt cctgggggta 660
aagccaaggt anggnaaaaa 680

<210> 51

<211> 788

<212> DNA

<213> Homo sapiens

<400> 51

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tcanaggg 788

<210> 52

<211> 718

<212> DNA

<213> Homo sapiens

<400> 52

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ccggaggagc aagaagatgc tggtagcctg acttagtgaa agagggacca gctcaagtat 660
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<210> 53

<211> 732

<212> DNA

<213> Homo sapiens

<400> 53

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 nttttttcct tg 732

<210> 54

<211> 820

<212> DNA

<213> Homo. sapiens

<400> 54

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 caattttgcc catagagcca tttctttgtc ttigtattga agccaattca tttttttaaa 180
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 gggaagantc ctaaaatcct acgaagggtga cccaggttt tcattttaga ccaatgatag 780
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<210> 55

<211> 776

<212> DNA

<213> Homo sapiens

<400> 55

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cgcaccaggc	cagataactc	tgtgatcatg	gacgtatgca	ggaatttgta	aatatttggt	180
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gcactgttcc	aggtgacttg	tgcatgtgac	aaactatgac	ccagcatagc	aacctaggca	420
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ataactgcaa	atggcctccc	aggggtagca	actgtttgca	acttaaagtt	aagccagtag	540
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ggaatttttc	acatgaccaa	gggccaata	gttctganng	ctcctgtgcc	aatcctggga	720
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<210> 56

<211> 770

<212> DNA

<213> Homo sapiens

<400> 56

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atgaagcggg	acctgacgga	gtttacccag	gtgggtgcagc	atgacacggc	ctgtaccatc	180
gcagccacgg	ccagcgtggt	caaggagaag	ctggctacgg	aaggctcctc	aggagcaaca	240
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tcgccagaca	aaaccatcga	ctgcgatgtc	atcacctga	tgggcacacc	gtctggcaca	360

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 tgaggactcc tgctgggaaa tcccaaggga tagttctagc cttctgcct gtgtnaacan 720
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<210> 57

<211> 756

<212> DNA

<213> Homo sapiens

<400> 57

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 ctccagcctg ggcaacagag tgagaccctt ggcatcatac tcagatcctt ccaactgcta 180
 ggatgaagca tacagacaag tgcccactct ggatataggt gttggtgttc tctttctggt 240
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 gaccaggtag acaaaccaag ccangccatt ttcttgggag ctccaaggga tgattcaaaa 720
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<210> 58

<211> 781

<212> DNA

<213> Homo sapiens

<400> 58

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catacactgg tatcacacag tctttctaca atgtttctgt attctgaaag ctaaatatta 180
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atatataaga tattgagtgct ttgggaatcc tagcctacta aggtgaaaaa ttaagtccca 720
aatgtcagga ataacttaca ggaaaaatnn naaaatgcac aagctttaa aatgggggca 780
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<210> 59

<211> 643

<212> DNA

<213> Homo sapiens

<400> 59

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ttcctgggtt tcagttaccc acaaccaact acagtcaaaa aataggtgag tacaggacaa 240
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<210> 60

<211> 576

<212> DNA

<213> Homo sapiens

<400> 60

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<210> 61

<211> 462

<212> DNA

<213> Homo sapiens

<400> 61

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gaataggtcc tgatccacgg tgtgtcctac aatgctatgt gccaaatcct acatttcata  420
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<210> 62

<211> 824

<212> DNA

<213> Homo sapiens

<400> 62

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<210> 63

<211> 730

<212> DNA

<213> Homo sapiens

<400> 63

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ctcaattcna 730

<210> 64

<211> 746

<212> DNA

<213> Homo sapiens

<400> 64

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tgcattctag cctgggtgac agtgagactg tctcaaaaaa taaaggtgta cagggantgt	660
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<210> 65

<211> 836

<212> DNA

<213> Homo sapiens

<400> 65

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tggtttagaa atattgaaca tctgatattt tctcttagtt cttatTTTat aaaaattgtg	180
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ccactccact actaggattt atgatagggc tccattcca atgatataga actccctggg	480

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 atgagggtaa aatcaaagtc atttgtantc ccctgctttt anaggccaat ttatttaaaa 780
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<210> 66

<211> 724

<212> DNA

<213> Homo sapiens

<400> 66

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 gttatagcta agtcattatt gattaaatcc aatgaaggca gctatggctt tgggctagaa 180
 gacaaaaata aagttccaat aataaagttg gtagaaaagg gatctaagtc tgagatggct 240
 ggcatggaag tcgggaaaaa gatttttgct attaatgggtg acctagtgtt tatgagacct 300
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 cgaagcaaag attccataca atgggtttat aatagcattg agaagtgtc aagaagacct 660
 tcaaaaaatc tcantccaag cccctgggag atgaagcang ggatgcnttt gacctgtaaa 720
 agta 724

<210> 67

<211> 713

<212> DNA

<213> Homo sapiens

<400> 67

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atgacagggt cctgggcccgc gccgcctcgc cctgcctggg cggggttggg acctttctgg 60
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tccaccgtcg cctcccactg caaaaaggcc tggataagga acctaattcg agctaccctt 180
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caggctttat gggagcatgg gttaccagcg acgcaccctg atcaagcaga gaaagagagg 300
ctggagaagg aagagtgaca gaagtaagaa gagagtgtct ctccacttcc actccagccc 360
cctacagctc atcctccagc aggcagccaa gggcactttt aggatctcac atcaggctct 420
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agcttanaaa actcagcagg actggcctct gtcctatccc acacccaac tcagtcctc 540
aagctcatct cctgtcattc ctgcccattt ctggacccca gccactcctc aaacanggtg 600
aggatcagtg tccaaggcac aatcttgaac tcatcatcgc caaatatgtg agcacttgat 660
gttggncttc caacctccan accgtaaggc agtacatttc ctgtgaaaat tan 713

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<210> 68

<211> 860

<212> DNA

<213> Homo sapiens

<400> 68

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aaaaaactag caccggcccc gcatgcactc agcctgccaa gaccacagcc ttgtaaggat 60
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ctgcttttaa tgctttatca aggataagga ggaacttcta atcatTTTTT ttgaaacttt 180
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taaaatctgg aaatcagaaa gaaggccctt tacagcctct accatcaa atgactgtc 420
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 atccgtcttc tggggaccct gccgtcagtg cccttcagca acagctgtta ctgatgggtg 540
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 gaagacatca agggagaatg tactggcgat tttactcaat ggcttggttt ccctccttgg 780
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 tcaagggcaa gtggcantaa 860

<210> 69

<211> 806

<212> DNA

<213> Homo sapiens

<400> 69

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 tcacagtaca ataaacagat ctattcataa atttttgtta tttataaat aaatgattac 180
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 cccaggctgg agtgcagtgg cgtgatcttg gtcactgca agctccacct cccgggttta 540
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 tggctaattt tttgtatttt tagtagagac gggctttcac catgttggcc angatggtct 660
 cgatctcctg acctcgtgat ccgcccgcct cagcctcccc gagtggtggg gattacaggc 720
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gaagtataag tnccccgaac ctgaat

806

<210> 70

<211> 839

<212> DNA

<213> Homo sapiens

<400> 70

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 gaagtagaag aaaacatgta ctagacatta ttttttcccta acactgtagc gcaaataatt 540
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 gtgcctgtaa gaaccacact gtaaagaact catcattaat gcttgaaaaa tgttattaaa 720
 gaaaggagac ttaccaagca ggacattccc taattaaaga aaccaatttg ggtacagtgg 780
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<210> 71

<211> 793

<212> DNA

<213> Homo sapiens

<400> 71

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 tttggagagg caaccaaatt ccttggactt tgtcaccag tggctggaag aagcctcaga 180
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 gattgtgaag attttgctaa cagatatgca cctgccctcc ttccatctga aggacgtcct 540
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 tcccgatgac cccattcgca ngatcatgga atctcgaatc ctgaccttct tagaaaccta 720
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 gtttaanana naa 793

<210> 72

<211> 724

<212> DNA

<213> Homo sapiens

<400> 72

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 tcagcctgtg tggccgtcta taaggatggc cgggctgggtg tggttgcaaa tgatgccggt 180
 gaccgagtta ctccagctgt tgttgcttac tcagaaaatg aagagattgt tggattggca 240
 gcaaaacaaa gtagaataag aaatatttca aatacagtaa tgaaagtaaa gcagatcctg 300
 ggcaagaagg agaaatgcgg tccttgacc tggcttctca gcttctccga aatcagatag 360
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 taaagaatca gtgaccgat acgagaaacc agtgacctg aggactcctg ggatgaatcc 600
 tcgggtgcag ggtgctctca agggacccca gctacagcaa gctcccacaa gccttttcag 660
 angtgcaatt gctccctgtc agagcagccc atnggcaaac tggggtgtnt cccggggaag 720
 ccaa 724

<210> 73

<211> 736

<212> DNA

<213> Homo sapiens

<400> 73

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 tgggcgtggt ggctcacgtc tgtaatccca gcactttggg aggccgaggc ggggtggatca 180
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 aaagatatgt tcatagtaaa ttgcagagct ttaggaaaca tttcactgaa atgagagtca 540
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 tgggctcaag cctgtaatcc caaccctttt gggatcctga accaggtggn tcacctgagg 720
 ncanaagttc gagaca 736

<210> 74

<211> 651

<212> DNA

<213> Homo sapiens

<400> 74

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agaagtagac atacagatat acctgtcaac attttttctc attataaacc aatttcagct 180
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agggttatgt catcctgtct aaaaagggtt gcctattttt ttgactaacg cattcacagt 600
gagaaattta taaatgtgat gggtattca tagnttaatg ggggcangnt a 651
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<210> 75

<211> 691

<212> DNA

<213> Homo sapiens

<400> 75

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acagagcgcc tctatgccta ccacctgtcc cgtgccgcct ggtacggagg cctggctgtg 180
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tttggtgaca ccaagtttgt tcccaacttg cccaaggaaa agctggaacg ggtgatccta 420
gggagtgagg ctgctcagca gcacccagaa gaagtcaggg gcctctggca gacctgcggg 480
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gagcttatgt tctctctgga gccaaaggctt cgacacctcg gactggggaa ngagggaatc 540
 accacctatt tctctgggaa ttgtaccatg gaagatgccc ggtccgcct cgaccgcac 600
 aagatccggt ctgtgggcaa agcctgctct aaangcgctt cctgcggana cttcaagggt 660
 ctgaaagtcc aacangggaa ttggccggg a 691

<210> 76

<211> 781

<212> DNA

<213> Homo sapiens

<400> 76

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 aacagacatt tctcaaaaga agacatacac atggccaaca aacaagaaaa aaaggatcaac 540
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 cagaatgggtg attattaaaa agtcgagaaa caacagatgc tggcaagggt tcagagaaac 660
 acttttacac tgttggtggg aatgtaaatt agttcaacca attgtgggaa gacanggggt 720
 gtgantcctc aaaggattta ggaactggga aatatcattt gaccagcaa tcccantact 780
 a 781

<210> 77

<211> 838

<212> DNA

<213> Homo sapiens

<400> 77

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gctgaaagaa agcctgtgag gaaagaaatt cttaaaagag aatctaaaaa aatcaaactg 180
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tttgatatct gcaccaagcg agaacgggat tacagaagtt cacgccaat cagcgaagat 780
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<210> 78

<211> 800

<212> DNA

<213> Homo sapiens

<400> 78

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gtgttactga tgtcaacctt aaataacaat atccangata atattgttac cagcggtag 60
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 caagagagag ggcccccaag aatgttgggc agttgtcaag ccatggtcag gcaattataa 660
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<210> 79

<211> 808

<212> DNA

<213> Homo sapiens

<400> 79

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808

<210> 80

<211> 741

<212> DNA

<213> Homo sapiens

<400> 80

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<210> 81

<211> 889

<212> DNA

<213> Homo sapiens

<400> 81

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<210> 82

<211> 810

<212> DNA

<213> Homo sapiens

<400> 82

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<210> 85

<211> 498

<212> DNA

<213> Homo sapiens

<400> 85

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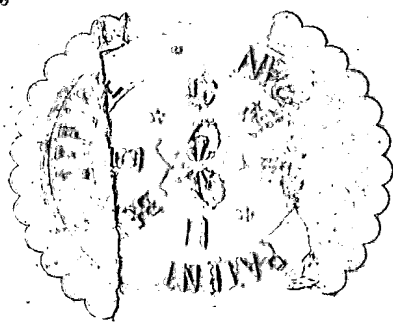
分冊

Separate Volume

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<210> 87

<211> 696

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<213> Homo sapiens

<400> 87

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<210> 88

<211> 660

<212> DNA

<213> Homo sapiens

<400> 88

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<210> 89

<211> 639

<212> DNA

<213> Homo sapiens

<400> 89

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<210> 90

<211> 789

<212> DNA

<213> Homo sapiens

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<210> 91

<211> 570

<212> DNA

<213> Homo sapiens

<400> 91

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<210> 92

<211> 640

<212> DNA

<213> Homo sapiens

<400> 92

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<210> 93

<211> 687

<212> DNA

<213> Homo sapiens

<400> 93

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<211> 597

<212> DNA

<213> Homo sapiens

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<211> 752

<212> DNA

<213> Homo sapiens

<400> 95

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<210> 96

<211> 808

<212> DNA

<213> Homo sapiens

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<211> 681

<212> DNA

<213> Homo sapiens

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<211> 549

<212> DNA

<213> Homo sapiens

<400> 98

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<211> 738

<212> DNA

<213> Homo sapiens

<400> 99

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<211> 759

<212> DNA

<213> Homo sapiens

<400> 100

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 tgctatcata gcgttaccta cctcacagag atgttttagg tcataagtat ttttcattta 420
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 aaaaacactc agaaatttaa gtccaagaag cctgcttttc ttgatacctt tcaagtgtta 540
 gattaataac atttttgtca ngtgggtacc agaattggagg atacttgagc tgagttttgc 600
 tagagtccaa gaatcatcta ttccaatttc tggggacaca tattttgtcc tgggttaagag 660
 agatataatna tgatgcctat ctgattccgg tgggtgggct gggctttgat gtatggtana 720
 tgtgggcggg aatntgtgtg cgtgtgtgtg tgcattgtgt 759

<210> 101

<211> 579

<212> DNA

<213> Homo sapiens

<400> 101

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ctcggtaccc gccgctgctg gcagctccgt ggtgtccgag tccgcggtga gctgggaggc 180
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ctacgagagc ctggccgtcc gcctggagggt caccgacggc cccccggnca cccccgccta 540
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<210> 102

<211> 769

<212> DNA

<213> Homo sapiens

<400> 102

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ctattctaaa atagtatctt cattgtttta accctattca cctccttttc ctattgcatt 180
tgactttttc atagataaat ctgaagttat tttttttta aataatcctt tctacatggg 240
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gaacctacaa aaattccatc ttggaaaaca ttttagattt accttgtatt cacacacccc 360
tgcaaagtgg gtctttgcaa acaggaaagg taaaagattt atttttactg caaatcatg 420

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cctttatata ggattagtct gtggattatt tcaggcaaca atgagtagat ttttgaagga 480
 aacttcataa cacagttttg gagccctatc ttctgtaaca catttccaac ctttggaat 540
 aaccttgatt ttccaacttt taacctgata ccaacanaaa tggacaaaga taatatcaca 600
 tggaattatt ctgaagagcc agctgctgag aagttccagg agctgtaaat tagacaaaag 660
 catccattta tttgggagta agttacaata tggcntanct taaaaaatat ataatgattc 720
 agggaggat tttaatggaa ctttatgtgg caatttatgg gngaactaa 769

<210> 103

<211> 686

<212> DNA

<213> Homo sapiens

<400> 103

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 ttttattccc agttgtggct gaaaagcaaa gccatggcat cagtatcctt gtgcaatcgg 180
 aggttgctgg gctttacca cctgtgttgt taaccttatt tectggagga agaaacagat 240
 gaaacaagtg cctaactccc tttatcaaac acagccaagg acagcctctt ttaacatgtg 300
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 aaaattagcc gggcgtggtg gcgggtgcct gtacaggagg ctgaggcagg agaattggcgt 540
 gaaccgcga ggcgagctt gcagtaagct gagatcgcg cactgccctc cagcctgggc 600
 aacagagcaa gactccatct caaaagataa atagataaan taaaaacca tggaaatggn 660
 ttaagaaaat ggntctgggt acacca 686

<210> 104

<211> 817

<212> DNA

<213> Homo sapiens

<400> 104

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 tcatatattt acagcatata gtttaattga gtagagtcaa attaatctta ctttagaatt 180
 tgattactaa gtattagcat ggataataat gcttcttttg cttaaatgta aaaattaggc 240
 cgttttacta ggtgtacttt gtcttaatca ttttctatt tttttataca gctgtgcaac 300
 catattgctt ctgggaaaaa atgtcaatat gtgggaaact gttcctttgc tcatagtcct 360
 gaggaagag aagtttggac ttacatgaag gagaatggga tacaagatat ggagcaattt 420
 tacgaactat ggctcaagag tcaaaaaaat gaaaaaagtg aagacatagc cagtcagtca 480
 aacaaggaaa atggaaaaca aattcacatg ccaacagatt atgctgaagt tacagtggac 540
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 tcctccgaga agcacaaaga gaaggttttc cacaccgagg acgaccagta ctgctggcag 660
 caccgcttcc caacaggcta nttcagtatt tgtgataggg atatgaatgg cacctgcccc 720
 gaagggaaca gctgtaaatt tgcacatggg aatgccgaac tcatgaatgg ggaagaanga 780
 agagatgncc taaagatgaa agccaacaan gcacgaa 817

<210> 105

<211> 773

<212> DNA

<213> Homo sapiens

<400> 105

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 ccctcttctg taacccaaat ctcagcgtgt gtccttattt tccttgtttt cagcatgtcc 180
 aagtgaagcc attaagtagg taatatactg ttagacacag atcatgggtgc ttgggaaaac 240
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ttccaaatcc taaatccctt tgattgaagt gccaaagaaa gatagctcct cattgaataa 720
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<210> 106

<211> 776

<212> DNA

<213> Homo sapiens

<400> 106

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tttttcagaa aaaaaataag attaaaggag gtcaaattat ggcccatcca tttttttata 180
acttggatatt tattttagtt tacaggaaga aaaacaatat atctcacttg gctgctgtgt 240
tgacttggtg cctctagtaa agtcactact taaaagcaaa tttgaagagt aagtgctaatt 300
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gtagattggg ctccatgaga catgcaaggt ttctgttttc aagaagctaa tagtacaatt 420
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gaaatatact tttgtgtaat agatcatgaa ggtaacaatt ttttaaaagg gaagggacca 540
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gaaaacactt gaattttgta acaaaatgtc atttcagata tgttatagtt ggttttaact 660
gggcttcaag cagtcattaa aaaggtggtg gtcaagaact atcatccaaa nacaggaaat 720
tataaatgat ngggtgaggt aataccttta aangattaaa cctcaatgcc ggaaaa 776

<210> 107

<211> 794

<212> DNA

<213> Homo sapiens

<400> 107

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ttaacatagt cttcccaaat taaagtttta gatgggccct caaaattttt agggcatggt 180
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tatttcttac cctcttcagt gcctgtttcc ttaatatgat aataaaccag gtactgcgat 600
cactcacctg attattggnt cttagaagg ngctttttta atggaattgg tcagtttgat 660
aattctgtcc ggagggatga ctgctggagg atctantaag ccatcttgct ctgccttctt 720
ggaacacata aaaatcacag ttttgggcaa ctgtaagtca aagtgttga anttaattat 780
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<210> 108

<211> 717

<212> DNA

<213> Homo sapiens

<400> 108

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tttttagccc acaaaaatag catagcagca gcttatcaaa atgtcccaga caagtttact 120

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tcaacaaatt agtaacacct tcatgcttcc tgtggtggaa gaaatgcaga gtccacttcc 180
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 gtttcttgca acttctgctg ggngaacaat taaggtncc gttccccctg ggggaagtgt 660
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<210> 109

<211> 836

<212> DNA

<213> Homo sapiens

<400> 109

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 cagcatgtct gtctccagtg gaacaagata acttccagcc cctgaacccc tggggaaact 360
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tgagttttaa gttccaactt gcaaatgaac ttttgataa ccatcaattg ttanggggaa 780
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<210> 110

<211> 759

<212> DNA

<213> Homo sapiens

<400> 110

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aagggaactt gttgggaggt gctctctcct gatgcgctgt tcttgagtgc catccatgat 480
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gatgccctgt tgggggaagg aacnggaggc cactctgcaa aagggggctc tcgcttcccc 720
aatgtcctca tntcgaataa agcaaggcaa ntccagtta 759

<210> 111

<211> 508

<212> DNA

<213> Homo sapiens

<400> 111

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 gtgtcccga caggcgtgga ggtggggcgc aggcgaggat gaagcttgag ttggccagga 120
 gtcggaaaac gattgcaggc gggaccgcgt ccgtcggggc tgaggaaact tagcgtggca 180
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 aagaactttt catcgttctt tccccacct ggtttgtaaa tggattttgg cttcataaaa 420
 acgtttgtcc acaggtgccc tgctccanca gttcgtccca gcantatagg aagttaccag 480
 aaaanaaatt tttttttatt gaccttgg 508

<210> 112

<211> 879

<212> DNA

<213> Homo sapiens

<400> 112

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 ctgcagcggg aatgctagct ggatttatta caacattatc attggctaaa aagaaaagcc 180
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 ttgaagcaaa tttcatacta aaaaaagttt ataataaaag tatgataaga aaatatttat 780

aaaacaganc ccccaatagc aatatactgc aatgtgtcca aattaaangg agtttcaaaa 840
agccnttcct tgtcaaatac attgacaaga accttgga 879

<210> 113

<211> 649

<212> DNA

<213> Homo sapiens

<400> 113

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cattataact aaaggaatcc cctcaattca aaagcataga tggatacaaa tgcagaccg 120
tgggtttaat ttgttttaga cacatggcat ttcttcacaa ggtaacctgc tgtatttatt 180
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cttaaggctt tgtaaaaact atccatgaag ggaaagctcc tcagcataac tgctcaggga 420
aatagggcta aataactgaa cattaaataa ttggttaaag gtgctgtag tcgagcctca 480
atgcttgcta caaggatgta tgtacaagga ctgactttaa taatttgcatt tatattgtcc 540
caaccagtag tttatttttt gccacggaga tgtanaagat attacaagct actggatgca 600
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<210> 114

<211> 709

<212> DNA

<213> Homo sapiens

<400> 114

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cctttataca tgagataata tgatgatata actgatgttt aagaacattc ttattgtaag 180
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 aagacaattc cttttttgtg ggtgtgtact cattaatgcc tggtcgtcct ttgcaattta 660
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<210> 115

<211> 734

<212> DNA

<213> Homo sapiens

<400> 115

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 catccctttt tactgagccc aagcctggca cagaggangc tggagttagg aagcaagaaa 660
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ccgctaattgn ccaa

734

<210> 116

<211> 677

<212> DNA

<213> Homo sapiens

<400> 116

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 tggaaagaga gctattcgtc tgggtgggat catgctcaag aaaatgatgg actccggaca 600
 gattgatttt tancaacatg acaaaagttt gctccaatac ctgcaaaaanc accaaatttg 660
 atcttccgat naacaat 677

<210> 117

<211> 659

<212> DNA

<213> Homo sapiens

<400> 117

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gagctgaggc acgctcggca catgagttcc tgtttcatta ctgtgggcag catcttcacg 180
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<210> 118

<211> 698

<212> DNA

<213> Homo sapiens

<400> 118

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 tggggagtgc caataaatat ttgattgact aattgacagc ttgagtcaag gttctggaag 240
 agaataaata caagggaag gcattccctt ttcatcttag accatatitt gcctaagcca 300
 aatggacgat ttacagctaa tcattgcgtc ttaaccaggg acagctggag cttactgctt 360
 gcctcctgcc tagtcgtctt tattccttct ataaaggcag aaaacagaag ggctctgcac 420
 acagcagtca cagacgtca tcaaagacaa accactgaca tggaaactga acaagaaaag 480
 gcttcctggg tcaaggctgg cttttgggag ccatgttcaa gcatgcccta agtagcacag 540
 tcagcagcct ttttcttca ctctttangg gctgggggtg aggaacaaga ttccctcaat 600
 tttccaacaa ataaccta atcagtgaat aaaaaaangg ggggtggggc aatgggtgcaa 660
 tcagtcantc atatgccaag ttgtanccat gttaagta 698

<210> 119

<211> 697

<212> DNA

<213> Homo sapiens

<400> 119

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tgtaaaatgt ggacaataat aataatgcta acagtaaaaa ctacctcata ggattgatgt 60
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gtgagtatta actgttttgt tattaagacg tgtgtgtctc tgccatttgt atttaacacg 180
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gaaacaggag gttctttcaa ccaaccaaga tctcacgtga gctcattacc acggggagtt 540
caccaagaca aggatgaagg attcgccctt atgaccaat acctccact aaggcccaac 600
tccaacactg gggatnacat ttcaacacaa ggatttggan ggganaaaca tccgaacaat 660
atcactggct tttccgggct gtaaaacaaa tttgggg 697

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<210> 120

<211> 634

<212> DNA

<213> Homo sapiens

<400> 120

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ccaggctccc tctggccaca gacttgccac ctggctagct ccctctgcct acccctagcc 180
tctgagagcc tttctgcctc ctctgatgag gcccaatccc ctagtaaatg attttattta 240

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cacagtagac aatagaggct agatgcatat ttttttctt aaaatattgg actactttta 300
 ttttcttaca taataatgat atttatttaa agtgcttttag gatagttcct ggataatcatt 360
 atgtacagat taaagtttaa aaattaaact tctgaacat gagatagatt ggttcccatt 420
 caagtaatcc attcacattt tacctactgt aatgactggg aatgtgctgt aacatacttt 480
 gcanccctgg cctcccttcc tgtctcctaa aanaatggag ctggtgtttt caagtttggn 540
 aggatggctt ctgttgaaa ttigcccttt taagtttaga agactgaccc ccatcttaen 600
 gctctctttc gaagctagtc taatgggnaca agta 634

<210> 121

<211> 740

<212> DNA

<213> Homo sapiens

<400> 121

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 tgagaacatg tcagaatgtg aaaccagcag tgtgtgtagc agcagtgaca ctgggctctt 180
 taccaatgat gaagggcgac aaggatgatga cgaacagagt gattggttct atgaaggaga 240
 atgtgtccca ggattcactg tccctaattct tctgcccag tgggctcctg atcattgttc 300
 tgaagtagaa agaatggatt ctggattgga taaattttca gattccacat tccttttacc 360
 ttctcggcca gctcaaagag ggtaccatac tcgcttgaat cgtctacctg gagctgcagc 420
 tcgatgcctc agaaaggggc gaagaaggct ggttgggaag gagaccagca taaacacttt 480
 ggggactgag aggataagcc atatcattag tgaccctcgg cagaaagatt tctggttacc 540
 atcagctggg aaaagagaac gaaatcagtt caatcccctg tctccccttt actccctgga 600
 tgttcttgcc gatgcttctc accgaagggtg ttcaccaagc aactgctct gccanacaag 660
 gcaaattgtac actgggggac caccatgttc acgtgtcctc aagagggaagc ggaaanfaat 720
 gggcacagna tctttgtcaa 740

<210> 122

<211> 584

<212> DNA

<213> Homo sapiens

<400> 122

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ggccgaggga aacacaaccc caagcagcct ggagtaagtg gtcccagggc agctcaagac   60
agtttggttt tattcatttc agagagacag gaattgcagg gaaaatcatg aatcagtgcc  120
tggaagggtgt aagttccatt ggcagaaagg gtgggacctg tggaaggggg gttagaaggc  180
acaggtagtt gagggattct gtaggtggca gctggttgag agtggtgaat ctttgtctaa  240
agtttgaggg aggtaggaag gaatgctgaa ggaagggggt ctgttatctg ccacttcatt  300
ccatcccagc caaaaaacag acctgtttct cgagatttta tgaattctaa ggcgtaactt  360
tacctttgcc ttgcgtggcc ttaggtcttg tttgtaattt ggtatcttgt tgccacaagg  420
agtctgtttt tccagtcaga taatgtctgt tttacatga atgtgcgtca gttgctgcat  480
gtaaactcct aaagggagan ggtataangg agacctgtct caactcccat cctgtcatac  540
agaggcactc aattttcang gttttttggg ggttccttg gcaa                    584
    
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<210> 123

<211> 730

<212> DNA

<213> Homo sapiens

<400> 123

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accaacgcct actccccggt gcagcaggga gtcacatca aaaggaagag tggggagatc   60
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gacaaatata gcaagtattt catttctcat aaaccaaaca agacctggca gcagggtgtc  180
tggttcgcca tcagcatcgc catcaacaat gcctacatcc tgtacaaaat gtcagacgcc  240
taccacgtgg agaggtacag ccgggcgcag tttggagaga gactcgtcag agagctgctg  300
ggcttgaggg atgcctctcc gaccactga tgctgggggc gcaggactcg gtcaaggagg  360
gggcaagagg aggaggagag cctgccgttc caacttgccc atcagagacc cggacacggc  420
    
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ctggtgtgtg gcttgctgcc tggganggat gcacagggcc tctggaggga caggatggac 480
 ctggtcagag gacggttgct gtcctcattt gcattccaag aagagcatgt cctccctcga 540
 gaaacagtgc cgccggtgtg atgagcactt acacccacgt tctcaagggc aaattctctc 600
 atgacatccg tggagcttgc gangcaacgt ggactgggtga ctgtgaagga aggccccntt 660
 gtaaaatgag ctggagcacg ctctaagaga gatgctgctt cctaaagatn tacagcaatc 720
 tgggacntgg 730

<210> 124

<211> 752

<212> DNA

<213> Homo sapiens

<400> 124

aatgctgctc tggtttcttg cgcgcttggc gctacaggga gtgcgggcgg cgactccttg 60
 cgcaagtcag cttgcctggg aaagggtttt gtggctgaaa gcgactgggt ccttgccaca 120
 aaggctccgc tggcggttgc ggttcagcgg ccgtccctga gtaagatagc cacttttctc 180
 cgacgctgcc aatagccttc tccaagtgtc gcaggctttc atcgctttgc aggagccatg 240
 cctcggggac ggaagagtcg gcgccgccgg aacgcaaagg cagctgaaga gaatcgcaac 300
 aatcgcaaga gccaggcctc agaggcttca gagaccccga tggcggcttc tgtagccccg 360
 agcacacccg aagaatacct gagcggcccc gaggaagaca caagcacctt ggagaaggnc 420
 tccagtaccc cttcanaagc ttcgagcact ggcctantgc aaaagccggt taccggagca 480
 attttcaagg caacaagaaa agtctcctaa tgtccatatt aagccctcat cttcatcatg 540
 ggcaacaacg caaaggaggg cctggtgtgg aaagtgtggt ggaagttagg gatgcaacct 600
 gggangcaac acaacatctt tggagattcg aanaaggctg ttacagaaga atttgtgccc 660
 aaaagggtat ctganttata agccagtgcc ccgcaacaat ccaatggagt ataagttctt 720
 ctgggggcct ccaacaanac ntgggaatcc aa 752

<210> 125

<211> 796

<212> DNA

<213> Homo sapiens

<400> 125

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gattaagaaa atagctatct gagcatatat tttatagttc actaatgaac cctactttga 120
ccctgtgggt taatgaatga aaagtatctg ctattatggg gtggttttcat cttatcaatt 180
acatattttt gttttgaaat ttgtcacctt tgtcttcacc attcttttct cttggacaga 240
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aagaattaca ttcattggca atgccccag tcaggcaca cataccatat acataatatt 360
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taagcctatt tgccatatct ccctgaaact ttctattaac aaagncacaa aacgcttaaa 480
caaagaaaaa ttagataata tcaatagccc atcttctaac acattgccta gctcaatact 540
ttcaatacat attttccaaa ctaaaaatta aaatctcaac tctttaagag aagtttcgta 600
antttggagt ataaagagan tatcctgggc aatataagtt ttaaagcca atataattgg 660
aaacttacia tgacatttca agtgggtttt ggcaatggtt ttcccaaagt anggggaacc 720
tttaccaacg gaanggtaca caagtggatt ttccgggggg gttaaaacaa gattgaacaa 780
ttttttaant tttaaa 796
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<210> 126

<211> 644

<212> DNA

<213> Homo sapiens

<400> 126

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cattggtggc gctgaggtgc cggggcagca agtgacatgt cgtcgggcct ccgcgccgct 180
gacttcccc gctggaagcg ccacatctcg gagcaactga ggcgcgggga ccggctgcag 240
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agacaggcgt tgcaggagat catcctgcag tataacaaat tgctggaaaa gtcagatctt 300
 cattcagtgt tggcccagaa actacaggct gaaaagcatg acgtaccaa caggcacgag 360
 ataagtcccg gacatgatgg cacatggaat gacaatcagc tacaagaaat ggcccaactg 420
 aggattaagc accaagagga actgactgaa ttacacaaga aacgtgggga gttagctcaa 480
 ctggtgattg acctgaataa ccaaattgcan cggaaggaca gggagatgca gaaagagctt 540
 gcagaagcag caaaggaacc tctaccaant cgaacaggat gatgacattg aggtcaatgt 600
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<210> 127

<211> 505

<212> DNA

<213> Homo sapiens

<400> 127

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 agagtgggag gcttggctgg aaaggcttct ctgaatagga tgacatttga tctgtgtttt 180
 gaagggcac gttggcaagg taagtaatcc aattaaagga ggttgcctca gctaaagcac 240
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 aagtatccaa cagaatttcc tacaatgatg gaaatgttct atattgtcac tgtccaatac 360
 ggtagcctct agccacattt ggccaataca actgaagaat tgaatattaa ctttcattta 420
 attctagcta atttaaattt aaatagtttc atcagttagt ggctaccata ttgaacantg 480
 caagnttaga gataaacaga ggnca 505

<210> 128

<211> 772

<212> DNA

<213> Homo sapiens

<400> 128

gaaaaatcac aaagaattgc atggcaagag tgcctgtctt tcacagcttg aactgttgca 60
 ggaactttct tttttttttt tcttttgtga tgcactccag cctgggagac agagcgagac 120
 tgtctccaaa acaaacaaac aaacaaacaa acaaaaaaac cctgtagctt ggatcagcc 180
 ttctcttctg ttgtttttct ttaaaaaata aaaattaaaa ataggcttca agtgatcctc 240
 ccgccatgac ctccaaaact gctgggattg taggtgtgag cactgcaccc agccgtatgt 300
 ttttttctac ataaaaaaca gcacaggatt atcttccaaa gctaacaaat atgttcaa 360
 aaccacaacc ccacccctgc tccttggagg acaacgtgat cactgtattc agctctgtca 420
 agaatgggcc aggttcttca taaattcccc aagtttccaa gtagttcttt aanagcagtg 480
 tgaaaacaag actaatggga cccttcttgg ttgaaggga tgtagccaa ttccggcttg 540
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 aaccctaaag ttgcaaatta agggagaata atttgggtgg aactggcaaa aagttcccc 660
 ctcaaatggt tccnggccaa nttaaaataa gtttaaaagg gttgattcaa gtggattctc 720
 ccaggcaant tttcaaatcc ggggaatggg aaaaagcccc ccaatgggta ac 772

<210> 129

<211> 678

<212> DNA

<213> Homo sapiens

<400> 129

agagcacaga agaggagaa gtggctgctc tgcgcctcac ggccagatcc caggtgagtg 60
 agtgctgatt attggaatta caccttgttt cttagagtac agatgcactc ctttctttgt 120
 gatgtggagt ttctttatcc actaaagccc atctgcagag ctgagttcta aatctaagag 180
 actagtcagg agactaatgg actcagaaga aaatgttttc tacttataac actggatgga 240
 tttcttccct atttagtgtt tattgtccct caacagatag gtaagcagca tttccctttc 300
 ttagcctcct atgctcattt ctgtgcttgg taatgtgaga aactatttta aatataatgt 360
 ggtacatacc tcttaaaact tgtttctcta gaggaacag catgtatgtg accttaagt 420
 gcaatctaag aaagcactta aatgctgaag tgattgtaa aataataaat actcacatag 480

ttcaaagaaa tactggaaaa ggaaagccta tgaaggcgta atttaaagag ttacagttag 540
aatccaaccc tctgagatga tgaaagctaa ggtatgatca tgtctgcaac ttacttttat 600
attgttgggc cctctctccc aaaaggnaaa tatgacaaat attacnaatg tttgggctgg 660
gantacaagc atgagcca 678

<210> 130

<211> 666

<212> DNA

<213> Homo sapiens

<400> 130

gggcaaaccc ttgaaaaat attctaaatg aaaatgacat agtattcata gtggaaaaag 60
tgcctttaga aaaggaagaa acaagtcata ttgaagaact tcaatctgaa gaaactgcca 120
tatctgattt ctctactggc gaaaatgttg gaccacttgc tttaccagtt gggaaggcaa 180
ggcagttaat tggactttac accatggctc acaatcctaa tatgacccat ttgaagatta 240
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gtacttggtg gctaggagct gagcttatca caacaacaa cagcattaca ggaattgtct 360
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ctggcaaatc cggaatattt aaaggtggga atcaaggag aancccaaaa ggggcccttt 660
tggnan 666

<210> 131

<211> 753

<212> DNA

<213> Homo sapiens

<400> 131

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aagcctgtgt	cctctccttc	cgttctggtc	tccttcatct	cacgtttccc	cagcctccaa	120
gctcttgaag	agccgtgtca	cactgagagc	ttccctgacc	tggtctcatt	tcctctgac	180
agtgacctcc	agtgtgctgg	gttgaccaat	gccaagcctc	tttttaaacc	aaagtagttc	240
accatgggtt	gggatgatgt	caacaagcag	tattcatggt	aaaaagcaat	gagggactcc	300
ttccctgggtg	cacaattttc	ttcacttggtg	atctctaaac	tgttttcaaa	ttggaagact	360
gggaagcatt	gctacagccc	cagccagtct	cagccactgc	tcagcccagt	ggtggaaagc	420
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acctcagaca	gggatctgag	aagtggcagg	ttccaataaa	ctgatcaaca	gaatgaagtc	540
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taatataat	tctttttttt	tttttttttt	gagacagagt	ctcgctctgt	caagccaaag	660
ctggactgca	gtggcgcaat	cacnggcat	tgcaacctcc	aactcctggg	gttcaaggca	720
ntcctcccaa	ccttaagnct	ccccgagtag	ccc			753

<210> 132

<211> 772

<212> DNA

<213> Homo sapiens

<400> 132

gagtaaaggt	gacttttgtt	atgtttttaga	agagactggt	ggcattttgc	ctctgcccta	60
gagatttgtg	gaactttgaa	cttaagaaag	ttgatttagg	gtatctggca	gaagaaattt	120
ctaagcagca	aagcattcaa	gaggtgattt	ggatactggt	aaaggcattt	agttttataa	180
gggaagcaga	gcataaaagt	ttggaaaatt	tgcagcatta	ctatgcgata	gacaagaaaa	240
accatttttc	tggggagaga	ttcaagccag	ctgcggaaat	ttgtgtaagt	agcaaggagc	300
ctaattgttag	tccccaagac	catggggaag	atgtctccag	accatgtcag	agaccttcac	360
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gtggctgaaa ggggccaatg tacagctcag gttgtggcct cagaggggtg aagccccaag 540
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 ttgggaacct ctacctagat ttcagatgta tggaaatgtc tagatgcca ggcaaaagtt 660
 tgctatgggg tggggccctc atagagaacc tctgctaggg cagtgtggaa agggaaatgt 720
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<210> 133

<211> 606

<212> DNA

<213> Homo sapiens

<400> 133

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 ggcgggcaga catggtggcg gccgccgccc cctcctcggc cctagcatgc cgcggccgcc 180
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<210> 134

<211> 843

<212> DNA

<213> Homo sapiens

<400> 134

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gtactta	aata	gtctctt	gcc	cccacct	cca	acaagaactt	tcctctctgt	tcaacatcag	180	
aaacatt	tttc	cttttgg	cat	gtgc	tttcta	gttcccca	aaa	cagtataagc	aaattggaaa	240
gtttagc	tgt	cattc	ttgga	aggttac	aga	tcacactagc	agcctgagta	atccaagagg	300	
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ataggaaa	aaa	gaaatatt	tg	cttggaga	agtgc	atag	tagagaccaa	aagtataact	420	
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aatacac	agt	tcatatt	ttta	aagagt	ctca	aatgaacca	gcaactaagg	ttagcattac	540	
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ctgtc	gctga	aaaaac	attg	ctacttac	at	gatattctct	agtttaaacc	tatagcagta	660	
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agacaaa	caa	ttatttta	aaa	ggacgt	gcta	atggctcaag	tttatigggc	ctaggggtta	780	
tttaagc	ccg	ntcaca	agnt	ccctta	acca	tttgnggta	tgaaatgaag	catggcttga	840	
tag									843	

<210> 135

<211> 860

<212> DNA

<213> Homo sapiens

<400> 135

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gtatttt	ctt	taaagt	gaat	ataga	atctc	aagata	tacg	tagctt	catc	attgacattt	180	
cccagag	cca	atagtc	agcg	gatcg	gtctt	gtgaac	acca	ctgcc	agctc	ctgtgtctac	240	
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gatcgattgc cttttattta tgagtttcta gctcttgaag ttattcacat gcagttcagt 420
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 gcatttttta atccttgata aaattttccc ttttggtgtg aaacttcaaa gaaaattgnc 780
 atctcctctg acatttagga gcagcatctt tctaccctt gngaataaat cattgaagga 840
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<210> 136

<211> 716

<212> DNA

<213> Homo sapiens

<400> 136

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 gcttcagagc gacgtttgcc ctgcgacaca ggccggccgg ctctcctctg tctttatttt 180
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<210> 137

<211> 868

<212> DNA

<213> Homo sapiens

<400> 137

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<210> 138

<211> 773

<212> DNA

<213> Homo sapiens

<400> 138

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<210> 139

<211> 710

<212> DNA

<213> Homo sapiens

<400> 139

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 ggttttctgt ccctcttggc catggtgcct gaggcctgca gaccccagag gaccctcaca 480
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cgacaaacct gttgcttggg tttgggtttg ggtttggttg catttcaact ttcggaataa 660
aacttacaga aaagttgcaa gagtancaca gagaaacttc ggggccnngg 710

<210> 140

<211> 790

<212> DNA

<213> Homo sapiens

<400> 140

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gctgggcagg cccctcctcc tccaggggagc ttgtccttgc ctaatttttc ttctgcctga 180
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cctttggtct gcaagtctgg attgcttaaa ggagctaagt caggagagac atgtaaaggg 720
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<210> 141

<211> 814

<212> DNA

<213> Homo sapiens

<400> 141

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tgagattaca	ggcatgagcc	accatgcccc	actaattttg	tatttttggc	agagacaggg	180
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aacaacatgt	gattacttgg	ccacttttct	attcaaaaat	atggtttatt	agtcctgatt	360
atgtgccctt	cttggcagac	agaatgatac	tgtgtacttc	tgctgaaaga	aatagaaact	420
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gaggtaactt	aaaatcctct	ttaagaagga	taattatctt	taaaggttga	ttcccaccct	540
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aaggcaggac	gcacataaag	gtgacatggc	tattggttca	cctggagaaa	ccacatgatt	720
gggacctgaa	ggttactgac	tgctacaggg	gctgattgtg	aacacganga	accccatgtg	780
tgtgganctg	tanggtgaga	gccccccatt	ttta			814

<210> 142

<211> 727

<212> DNA

<213> Homo sapiens

<400> 142

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acacctccag	acaggttgcc	agggccccac	atggaggagg	caggtgggcc	catggcccgg	180
gccaaggccc	aagtggtaag	tgccacattg	acatggcggc	agtggcccc	caccagga	240
gagatcaaac	atggttttca	caaggtgtcc	ctggtgtcag	gggcccagat	ggaagccccg	300
cagaaggaga	tgtttgagtt	cagccgtcga	gaggaagtgg	aagtcaatgg	ctttgcaaca	360
caggaagaag	agactgtgaa	ttgccagggc	cctcgggata	cagctggctc	caagaacttc	420

cagagccatg gacccatctt ttccaagaag tacataccac ctcccaagga gaaaaggcct 480
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 gagcccccat gtgtgggagc tatggccagg actgagcttt tggttcccct gctgggcccc 600
 gagagccaag tccccacca ggtgtaggtc tcaccagtgg tagcttccgg agcctnnagg 660
 aataccgagt gacacgcact gtgcggacca ccacatggtn ggaggtatgt tgaccggcgg 720
 ataacaa 727

<210> 143

<211> 661

<212> DNA

<213> Homo sapiens

<400> 143

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 ggcggtctgtc ttggacaccg aggccccaac acccaggctg gtcagcacag ctacctcccg 180
 gccaagagcc cttcccaggc cggccaccac ccaggagcct gacatccctg agaggagcac 240
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 gaccttctctg accacaatcc gggatgagcc agaggttccg gtgagtgggg ggcccagtgg 360
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 tcagaagagt atcctggagc ggaaggaggt gctcgtagct gtgattgtgg cggggtggtg 600
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 a 661

<210> 144

<211> 775

<212> DNA

<213> Homo sapiens

<400> 144

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ttgtcactat tgagccctct tagtttatgc tagacgtgtt tttcttattg gttgatattt  180
taaattatta aagccatctt ctgaataagc tttattcgca ctttgtacct agtttctcca  240
tcagaaggat ctattgctat accattgtat acattttctc attggtcttc gggttacttt  300
cagagtgtaa agactcctta tgccacaaaa ttaagcttag atttcccca aatcaaatac  360
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ttcgagcctc aatggcctca tttgtaaaat gacattaata cctactttta gctgtgggaa  720
atgagtacca tgattatncl agcagttgga tgggctggta catganagtc aaagg      775

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<210> 145

<211> 670

<212> DNA

<213> Homo sapiens

<400> 145

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cctggctcaa gtaatcttcc cacttcagtc tctgaatag ccgggaccac atgagccacc  180
aagcctgtct aactttttta ttttttgag agatggggtc tccctatgtt gctcaggctt  240
gtctgaaact cctggcctca agcaatcctc ctgcctcggg ctcccaaagt gttgagatta  300
cagatgtgag ccaacatgcc caaccatgtt ctgttcttat atgaatccag gtcaaaaaga  360

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ttaagaacct aggattatca tagacatccc ttctactttg aatattcttc taagtttgtg 420
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 gcactttggg agaccgaggt aggcagatcg cttagagccca ggaatgtgag gccagtgatga 600
 aacctgggca tggcaagaca ccatctntac aaaaagtcaa aaattggcca ggcgtggngg 660
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<210> 146

<211> 841

<212> DNA

<213> Homo sapiens

<400> 146

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 tgaatagcag ctgcattttg aagttgcaat aagtgtgagg aaaatgtgct tgtagctca 180
 gctctagaca gatccatgga tagaaagaca tagacatgga tcccatcca gctaagtatt 240
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 catttccgga atcattaccc cttaaaatgt gaggaaaacg actctccttt tcttcaactc 540
 cccatctttt ccaaataccg ctgcgagttt ttgttgccaa cagcttttcc caatgtgcgt 600
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 cccaaagtnt ctgactttgc acttaggctc atctgcanga ccccnagggt ggcttccctt 780
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<210> 147

<211> 764

<212> DNA

<213> Homo sapiens

<400> 147

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gaaaactctt tгнаattatc tactaaagat gaatatatgc ctactatatg acccagtgg 660
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<210> 148

<211> 873

<212> DNA

<213> Homo sapiens

<400> 148

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ttgaaatgct acaagtttta actgtatata gttgataata ttgctttctt taggaatcaa 180

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ctgaaaacat actaaaatta attggtatga ctaagagagc agaaataaga ctaaaaataa 240
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<210> 149

<211> 850

<212> DNA

<213> Homo sapiens

<400> 149

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 tcaagatcag tctcaggtgc cacgtgtgcc aacgcataca cttgccatgg ttgtacctcc 180
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 tgatgatgag caacagtctt caccatcggc agaacagatt gattttggcc cagtccagcc 780
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<210> 150

<211> 739

<212> DNA

<213> Homo sapiens

<400> 150

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 tcttaacaat aaagtaaact agagaaaaga acatgtacca agaaaatcat aaggaagaga 180
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 gcaaaaaaaa aaannngaa 739

<210> 151

<211> 783

<212> DNA

<213> Homo sapiens

<400> 151

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 aactccagct gcgctccgca gagactgttg gagagaagga actggactcc tcaagctatg 180
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<210> 152

<211> 777

<212> DNA

<213> Homo sapiens

<400> 152

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ggccggctga tggacaggcc tatcttctat taccgtggcg acacgtgat ggcggccacc 360
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 ggcattgatt tctgccctgg gcagaacgtt tcaggggtca caactcaca tctggaagac 480
 cacacgaagc tgcccctgat ctccacctg ggacgggacc caggggagag gttccccctc 540
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 caccaggagg ccttggtccc cgcgcagccc cagctcaacg tgtgcaactg ggcggtcatg 660
 aactgggcac cttccggtt gtgaaaagtt anggaagtgt ctgacacctt ccggaatnc 720
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<210> 153

<211> 691

<212> DNA

<213> Homo sapiens

<400> 153

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 ttctgcataat tgcagttctt gtcaatgacc tggtaagtct ttccttaccc tagtgaagtg 180
 ttaaaattgc ctgagatgtg acgagcattt tgtttgggac ctgtgaagcc ctagcatttc 240
 gtctggtgtt ttggagccag acaggccctg cagggtcaga ggaggggagg tctgcgatga 300
 gtctgtttgc acttgacagc gtggctcagt ggtactgttc gggagaagta tggggtgctg 360
 tgctcgtaga gttacatagt gatatgttct gcttttttct aatgtgagaa agagaaataa 420
 taagaaaagt aggtgatgcc atgtgagtac ataaaagtga gaccaaatac cagggtgagt 480
 ccaagggaag atgagtttac ctgcattctc cactctattg ctggataaat acaacgtgga 540
 atttatcctg atgttgactc tgtggccctg tgatatctgg agatgtcttc tgaattggca 600
 gngattaaat acttcttaag ttactggttg agcatccaaa tcccaaatac ttcaggatcc 660
 caaaactttt tttttttttt tttgaggcnn a 691

<210> 154

<211> 740

<212> DNA

<213> Homo sapiens

<400> 154

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tttcagaata ctgtataaaa ttaaatagaa tattgtaata gtttaagggt ttgcatatat 60
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cactgccttt gctaggagtc atttctagaa attacttaaa ataggagaca agcatcaatc 180
atagggattt cagctttaga actattggaa caaatctagg ttagacaacc agcttatatt 240
attaagcaag attacatata ataactatct ttttttaaag gagagacttt tgcaaatatt 300
atacagcaat caaaaggctt tagcttagtg tatcatcctt attagaaacc aagatgttgc 360
attttatttc agtgctttct gtagtcatag ctaactcttt tacctcagca atttcaatca 420
aaaagcttct ctatcattct atacataaaa tgcagacaca ttagcagtca acattatgaa 480
tgcctttaca ggtaaacaaa caaaatcact ttattactgg attttataac caattcccat 540
tcttttttgt gactattcag gagaatactg ggttgaccct aaccaaggat gcaaattgga 600
tgctatcaag gtattctgta atatggaaac tggggaaaca tgcataagtg ccaatccttt 660
gaatgggtcca cggaaacact ggtggacaga ntctagtgtt gagaagaaac cccgtttggn 720
ttgganagtc catgggatgg 740

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<210> 155

<211> 761

<212> DNA

<213> Homo sapiens

<400> 155

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gaggatggca ggaggagtgc ttgcatgttg agcagtcctg agagtagctt gacaccacct 60
ctctcaacca acctgcatct agaaagtga ttggatgcat tggcaagcct ggaaaacct 120
gtgaaaactg aacctgcaga tatgaatgaa agctgcaaac agtcagggtt cagcagcctt 180
gttaatggaa agtccccaat tcgaagcctc atgcacaggt cggcaaggat tggaggagat 240

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ggcaacaata aagatgatga cccaaatgaa gactgggtgtg ctgtctgccca aaacggagga 300
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 ctacttagct ttccaaggta ccagtgaat aattgatttt tgggtgtgat tttcataagc 420
 taaaaataaa taacagaaga atgttcaggg cagatggcct tctaaccagt gcatagtatt 480
 tctataaaac agggagcctg ttattctttt ggtattagct tccagagaaa ctaacaataa 540
 aatatctaag atctaagtag tacattaatg ttaaagagta gatttcatct cctggccttt 600
 agtttatatt cagtataagg aaaatagata aaactctaaa ttaatagggg gctaagggtta 660
 caaacctgc agtctgggtc taattctgta gtaagcttga caattcacta attatcaggg 720
 atcagttttt gcatctacaa gtggtanggt ttggnntanc a 761

<210> 156

<211> 737

<212> DNA

<213> Homo sapiens

<400> 156

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 ccgtccccgc gcagcgctag cattctccag tccctcagtc ccttccccgc cgggtgcgccg 180
 cagccgaggc gatgcgcctc attcagaaca tgtgcacat cgccgagtac cccgcgccgg 240
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 ctgcagcccg accgctctcc gtccccgcgc agggagccgc tgccccttgg gagtgggctt 480
 agccgttgtc tacgccaccc gcctgcttcc acagacgggg gaaacaagga tcaagaatgg 540
 ccaggcagct ttctggggac caccggcacc gncgccatca gaactttggg gtgtttgagc 600
 ctctggcaat gcctggcaca gaaaggggag ttagtgaagc tagccccctt gggaggtctt 660
 gaaggtagg aagacatggg tctactggaa ggcttangtg tggnttaanc cgggcttaaa 720
 aggaaggggt gggccca 737

<210> 157

<211> 680

<212> DNA

<213> Homo sapiens

<400> 157

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gacaccctct ccgcgatgac tgtgagtggc ccagggaccc ccgagccccg gccggccacc 60
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gactacgggg gcgccctggc ggcctacact caggccctgg gtctggacgc gacgccccag 180
gaccaggccg ttctgcaccg gaaccgggccc gcctgccacc tcaagctgga agattacgac 240
aaagcagaaa cagaggcatc caaaggtagg ggaatggtgg gccctggtgt ggagctgtag 300
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cccagagaca catctgcctt ctttctttcc cactgcctcg ggcctttcct tttctgcagc 420
taccctcacc tttctgagg ctgaagcacc gagccccaca ttctgtcccc ccaccttctt 480
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gctgacagcg ctctgtttg tgctcagcca ttgaaaagga tgggtgggat gtcaaagcac 600
tctaccggcg gagccaagcc ctaganaact gggccgncct gccaaagctgt cttgacctgc 660
anagatgtgt gagctttgga 680
    
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<210> 158

<211> 765

<212> DNA

<213> Homo sapiens

<400> 158

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agaggagagac ccgcggcaac cccggcaacc cagggtcgg cgctcgtgcc accatgacgg 60
gaagcaatat gtcggacgcc ttggccaacg ccgtgtgccg gcgctgccag gcccgcttct 120
ccccgccga gcgcattgtc aacagcaatg gggagctgta ccatgagcac tgcttcgtgt 180
    
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gtgcccagtg cttccggccc ttccccgagg ggctcttcta tgagtttgaa ggccggaagt 240
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 tcattggccg cgtcatcaag gccaaagtgtg agaagccatt cctggggcac cggcactatg 360
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 acaactgcag ccatgtgatt gaaggcgatg tgggtgcggc cctcaacaag gcctgggtgtg 480
 tgagctgctt ctectgtctc acctgcaaca gcaagctcac cctgaagaac aagtttgttg 540
 agttcgacat gaagcccggtg tgtaagaggt gctacgagaa gttcccgtg gagctgaaga 600
 agcggctgaa gaagctgtcg gagctgacct cccgcaaggc ccagcccaag gccacagacc 660
 tcaactctgc tgaagccctc ttgcgcagct gcctctcggc cccttcgctt ctnccttcc 720
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<210> 159

<211> 879

<212> DNA

<213> Homo sapiens

<400> 159

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 gctgagatct aaggtgaagt ctataaagat taaagttccc ttttttctga tgttcaagtt 180
 gattgttggt cagtatggca tatatgacaa aagtatatatt gagtcaaatg tggctttcta 240
 aaatggatgc aacatgtaga tccatacaag ttggggtagg atatacccaa gcgtgtatat 300
 atttgctcag catgtgaaat aataaaaata atacaaaact actcattctt caaggtagtt 360
 acagtttcaa tgccactctt cctgtcccca tattcattaa gacagaagct tgatgcttaa 420
 acacacactg gtatgaaaat gttttgtgtt ttctgttata ttgtcagaag tgacattgat 480
 ttgaaaggat gagagcctta ttttcttgca acccttactg aaaggcatga tttcagggtga 540
 aaatcttcag tgatttttaa catatgtcac atgtttgcag taaggtcagt ctttccaatc 600
 acagatagag ttatgcatct atattctacc aaatattagc aaaaccaatg caatacgtgt 660
 ctggctttgc aatataaagt aagcttggtg attatattta agtggagtta cttgaaatan 720

gtcatttagt ttacatacag tttaatcttc atgccacaat taataaggna tcacatgact 780
gcaaaatccc tgcancaaac ttctagctct gatattggta agatacttgg ctgaagtgga 840
nataactggc tgtgctgcac ttaagctgtc tgaggtgng 879

<210> 160

<211> 779

<212> DNA

<213> Homo sapiens

<400> 160

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ggaatgattt cttccagctt ctttgaaatg aataattagt aaacttctaa gcaaagtcaa 120
tgactaggag ttccacatgt ttgtgaggtc ctaactaatt ctcttaccga gatgccacct 180
ccatgaatga tgggtgctta ggcttctgga atatgtaaaa acagcaaagg gaaccaagtc 240
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ctttgtaaag accaccagta ctaaataaac tggacactca ttgtacctcc cagcgataag 360
tatgtgtaac aggccagtgt gttgtcccca tgatcatgaa ttaggcttgg gatgcttcca 420
aatatattca aggtgttggg acaggatagg cagctgtgac tccctcaaga gtccttagaa 480
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caaagggtgct tgtatccaat tgaaaagggt cctgtctcaa ttccatacca cttttattgc 600
agttaaaaaa aaatcacact ctggggacac ttggtggaat tacagagcca ccatcatcat 660
tccaaccact atttcatttt ctgnagtttt acctgtgtgc aattactccc cctncattct 720
ggtcacttc ttacttctta gtaccaaata ctctggttgg gattgagcgc tgnctcctgg 779

<210> 161

<211> 691

<212> DNA

<213> Homo sapiens

<400> 161

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aggtgtgagc	caccgtgccc	agccaaaatt	cttaaagaat	aaaccaaate	ttaaacaate	120
ttccaattag	aattattttc	agccaaatta	tcattttaagt	gtgagagtaa	aataaagaca	180
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caggctagag	tgcagtgggtg	caatctcggc	tcactgcaag	ctctgcctca	ggggttcatg	300
ccattctcca	gcctcagcct	cccaagtagc	cgggactaca	ggcgcccacc	accatgcctg	360
actaatTTTT	tttctatttt	tagtagagac	agggtttcac	cgtgttagcc	aggatggctt	420
caatctcctg	acctcgtgat	ctgcctgcct	cggcctccca	aagtgttagg	attacagggtg	480
tgagccaccg	cgcgcggccg	ataatgtgtt	gttttaaggc	attaattttg	tggtacatac	540
aaaagtaatt	tgtgtgtaca	tacatgcata	tatacntata	tatgtacaca	cacatatatt	600
tggtaaacct	acacacagtg	tttattttat	tatttcgata	aaactattat	tcacagctga	660
gccttgnngt	gcactggaat	agnncttttc	g			691

<210> 162

<211> 661

<212> DNA

<213> Homo sapiens

<400> 162

ctgttgggtg	attgaaaatt	ctctttcatt	gtcaactgaa	cgtctggactg	ccagacagtc	60
ccaaatggcc	tcctgaaat	gcctgactgt	tggtgccact	tgccatctgg	gagatcagct	120
ggagcttttg	agcaggactt	catttgtcct	tcctcttggc	ttctcctcat	cactacttgg	180
ccttcctcac	agactgatgg	ctaccatcca	acaaaggacg	ttccaatggg	tgctgaaaag	240
ctgtgtaact	cttaagaccc	agacctcaaa	gttacacagt	gttacatttt	tccaataaaa	300
caattaaata	aaaaaattaa	ttttatggat	acataatagt	tgtgcctttt	atgcgataca	360
tgtgataaat	tctatttaga	tattttaccc	atttttaate	agatctattt	gctattgagt	420
tgtttgagtt	ccttatatat	tttgattatg	aatcttttgt	cagggtgaaga	gtttgcaaatt	480
attttctccc	attttataga	ttgnttcctc	acttttgtaa	ttgtcactct	tacaagattc	540

aatttgttga gtttgtgaga tgagattata gtcaaattagg taaatctacc tncgtntaac 600
tactcaataa tataatttat ttattcaaaa aatggtaatt gctgggntga agatatagat 660
g 661

<210> 163

<211> 741

<212> DNA

<213> Homo sapiens

<400> 163

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tcttaggtta atttttagga agatcttgca tgccatcagg agtaaatttt attgtggttc 120
ttaatctgaa gttttcaagc tctgaaattc ataatccgca gtgtcagatt acgtagagga 180
agatcttaca acattccatg tcaaattctgt taccatttat tggcatttag ttttcattta 240
agaattgaac ataattattt ttattgtagc tatatagcat gtcagattaa atcatttaca 300
acaaaagggg tgtgaaccta agactattta aatgtcttat gagaaaattt cataaagcca 360
ttctcttgtc attcaggtcc agaaacaaat tttaaactga gtgagagtct atagaatcca 420
tactgcagat gggcatgaa atgtgaccaa atgtgtttca aaaattgatg gtgtattacc 480
tgctattgta attgcttagt gcttggctaa tttccaaatt attgcataat atgttctacc 540
ttaagaaaac aggtttatgt aacaaagtaa tgggtgtgaa tggatgatgt cagttcatgg 600
gccttttagca tagttttaag catcattttt tttttttttt tttgaaagtg tgttancatc 660
ttggtactca aaggataaga ccgaccataa tacttactg aatattaata atctttacta 720
gnttacctcc tctgntcttt g 741

<210> 164

<211> 781

<212> DNA

<213> Homo sapiens

<400> 164

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aactttgggc	aaaccgcttg	gtctctcaag	cctaaggttc	ttcagctata	aaatgggaat	120
aatacttcac	taactacctc	acagagttgt	ggtaagaata	taatcagata	actggataaa	180
aacactatat	aaactggaaa	gcgccgtaca	aatgtgagag	atcagtttta	ttatcaaata	240
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cittttggagt	atgggtaatt	gaggcttggg	tgtgtcatca	gggactggag	ttatttcagc	360
tcccatgtag	aggtagggaga	ggtggttgat	ggggcagttg	aagttagata	ccagcgatgt	420
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cagagggcct	aggctgggca	caagggagaa	agcgaacagt	tgactaagaa	ttgaggggag	540
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agctgagtaa	caggcattag	tctgatagat	agtgaagggg	gagaaagtgc	ccctgntgtg	720
agancacctt	ttcanggcaa	caactggctt	ggtatcacca	gcaaccctta	accctgggca	780
g						781

<210> 165

<211> 734

<212> DNA

<213> Homo sapiens

<400> 165

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ttcttcagcc	ctctatactt	tttcataaaa	gtcaccagtg	actgcccagt	tgccaaatag	120
aatgaatacc	tttcagtgtc	cagctgtctt	gacctctccg	cagcatttca	caccaccac	180
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tcagagaatc	cagaaaaaca	agtctctgga	ttctctcttc	ttacctctca	gcccacacag	300
gctgagctgt	ccttgaaacc	tagatggggg	aaatgtctgt	ggctgtctgt	ggtctcttct	360
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ctatttcctg agtcccttcc ttttcctgaa ctcagttctc ctcattgcaa ccatgtttat 480
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 agaggtttta gcctgtttgc taagagaccc catctaagtc agcccaaggg tgtggattag 600
 gttttacagc atccaggccg cagtctggct aaactggatt accaggctgg tgggcagctc 660
 ctnaccatga tctgcacca gtttagagcct gctgtagttg ggaaggacct gggattgtgg 720
 naagatgtgn ttcg 734

<210> 166

<211> 738

<212> DNA

<213> Homo sapiens

<400> 166

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 aggttcctgg atgtggatgt catcatttct gggaacactc ttaaattggag actcagattt 180
 cttagccaaa atttagggag gatccagaag aaaccaaaga cgaagcatcc cagttcttgg 240
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 acctgatgcc ctcaccaagt tggaacaagg agaaccacta tggacactag aagatgaaat 480
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 atatttaggt ttaaccaacc agagcagaag atacaacaga aaggacctgc tgagtttaat 660
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 gaagtagaaa acccatca 738

<210> 167

<211> 575

<212> DNA

<213> Homo sapiens

<400> 167

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tcctttgtgc caggcccat ctggatgtcc atgccaggag agaggcaggc agacctgggc 180
ctcccaggat ggaggacgga cgaagaccac tgagcatgat gagaggggaa aagctgaaat 240
gtgagtggga agctcctgct caccacggca gccccctggc tagcacggcc tggcagagtc 300
catatggaag gaaggaacca ggttctatgg gatcatagag gagcggacgt gatgcagcct 360
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gggaggtggg gagaggggat ccctgcaaga ggcaccaagg cacaaaaagc agcttcctgg 480
aggggaggtt cggaggtctc tgagcatcct atgaaatccc atagtgttg ccttgatct 540
tccaggaagc atgagacca ccnagctgan gacna 575

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<210> 168

<211> 868

<212> DNA

<213> Homo sapiens

<400> 168

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tgagggtatt gactgtttc tttactgact gagtcttgtt gaagcagagg aaatgtaatg 120
agccactgaa aaggttttat gtaaattaac attgtaaagc cagtttcaaa ttttattctg 180
ctactgggta aagaaagtaa agcatagagt ataaccttgg aactatatgg ataaaaactt 240
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ttagggaagg tgaatgaaac agaataacca ctccaaaatg attcctccag ctggatacac 360
tgtcaacatt cactgtccat cttggctaaa tttctactgt aaaccaaga tataaaaagg 420
gatatatgtg tactccttta ccccttttct tttctagca gtagcagtcc agtagagtaa 480

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tttgtaaaca taaaagcaac attaaagtat gaggaaatth gaatataaaa ctgtaagaaa 540
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 ctatcagcca actgcaggtt tctactagag ccatgactag aaagggtgc agataaatca 840
 gatgntttca gaaaagaagt gtccacca 868

<210> 169

<211> 861

<212> DNA

<213> Homo sapiens

<400> 169

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<210> 170

<211> 858

<212> DNA

<213> Homo sapiens

<400> 170

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ctacccgagc ggcgggcgcg gcagcagcgg cagcggcaag caccatccta attatctcat 180
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<210> 171

<211> 692

<212> DNA

<213> Homo sapiens

<400> 171

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 atttccgtca ccagttgcat gtcctaagcc acctgtactt ctgatcaact ggctgtaaat 180
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 gcccaagatg attcttacag tgtgtgtggc ccagggaagc caaaagattg gacaccctg 480
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 agtcccatg cccctgggg gagacacctt ctagtgcacc atcccaatga gttcatgacg 600
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<210> 172

<211> 838

<212> DNA

<213> Homo sapiens

<400> 172

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 gttaactttt atagctaact agcacctgga aaaaatgtat ttgtacaact ttactattgt 180
 atatagtttt ataataatga aaaataaacc caatggccat attagaatgc aatttcgaca 240
 tacagcttat ctagatagtt ttccagagga ttttgaaatt tggttaact gggaggataa 300
 ctgctcagca caccactgaa acataaccac tgacaccatt catttatatt aactgagatt 360
 cttgacattt ttctctccta tgccttggtta ctttagcata cttgaactca cataaatgct 420
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 ttgtgcacag aatgtgaaaa gaaacttggc atantggcct ttataatgag gcatccactt 720
 actcctctga agtgaagtct ggtagcttaa cttgggtata ggTTTTTgn aaggaaatct 780
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<210> 173

<211> 872

<212> DNA

<213> Homo sapiens

<400> 173

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 agtgttatit catagaaacc accccagtct atttatatta ttcaacacat aattttggtt 180
 agagaatttt tttttttttt taaattaggg atgggggtct tgctgtgctg ctcaggctgg 240
 tctcaaactc ctgggctaag tgattccctg actgtacctg gccaaagagaa gtttttgtgc 300
 tgtggcttac cttagcatat ttctctgctt cttctcttat atcttttgga acaatttcat 360
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 taaatttgct ttagctttca ttatattaga aaggacactc agttgtaaat tagctgnggt 780
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<210> 174

<211> 816

<212> DNA

<213> Homo sapiens

<400> 174

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ctggagcgtg acatttcatt aggaacagtg aggctagtgt agaaattata cctcaccagt 480
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cctgccacct gctggctgtg ctgtttttaa taaattgcag atcctctcag agcctgtttc 600
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attaaataat atatggaaaa gcattttttt aactgnaaaa ccatacataa atatcctttg 720
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gttggataga tggacnggac nggaattaac aggtta 816
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<210> 175

<211> 834

<212> DNA

<213> Homo sapiens

<400> 175

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accagcgact gagcggcggc cggcgcgctt agcgcctga acatgcggca gtccctgcgg 180
gcgaccccg gctccggaca ggcggcggcg gaggcggcgg ctcgggaggg aaggaggcgg 240
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cggcgccggc ggaggtggcg gcggagacgg ccggcgccccg gcgcggagcc ctagggaggc 300
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 tatggttctt ctcatgcatt tgtaacggaa agttagtttt gcttggtgaa aatggagact 720
 ctggttccccg atattattat tcaagacaat ttttttgat ggtcanaaga aagccggcca 780
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<210> 176

<211> 720

<212> DNA

<213> Homo sapiens

<400> 176

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 ctggccccgg gccggttctg tgctatggtc ctggctgact tcggggcgcg tgtggtacgc 180
 gtggaccggc ccggctcccg ctacgacgtg agccgcttgg gccggggcaa gcctcgccta 240
 gtgctggacc tgaagcagcc gcggggagcc gccgtgctgc ggctctgtg caagcggctg 300
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 gctggtggtg gccttatgtg tgcactgggc attataatgg ctcttttga ccgcacacgc 600
 actgacaagg gtcaggatcat tgatgcaaatt atggtggaag gaacagcata ttttaagttct 660
 tttctgtgga aaactcagaa aatcgantct gtgggaagca cntngaggac agaacatggt 720

<210> 177

<211> 240

<212> DNA

<213> Homo sapiens

<400> 177

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 cagccgcggt aattccagct ccaatagcgt atattaaagt tgctgcagtt aaaaagctcg 180
 tagttggatc ttgggagcgg gcggnccngc ctcgnatacc aacatttaaa atgatggcat 240

<210> 178

<211> 809

<212> DNA

<213> Homo sapiens

<400> 178

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 gataataaga cataccttat tcgtcttcaa aaaccggact ttaaagctac acttttactt 180
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gtggatgaaa aacttgaaac taaagatatt gaaaaagtac ttggttctct gcagaaagcn 720
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<210> 179

<211> 913

<212> DNA

<213> Homo sapiens

<400> 179

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tgaagcattt taatggaacc ctaggctgga tccaagtga taattccatc tgtgtgcaag 420
aagattgccg tatccctcaa atcgaagatg ctgagattca taacaagaca tatagacatg 480
gagagaagct aatcatcact tgtcatgaag gattcaagat ccggtacccc gacctacaca 540
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cagcacggca anangaggtg gcattccacc agcccaaggc attcgacatt tgcanaatga 840
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<210> 180

<211> 684

<212> DNA

<213> Homo sapiens

<400> 180

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tcaccctggt tcggggcagt ggcgaggggc gncctcangg caacagcanc gcaggctggg 660
ccgtggcctt cccctgtgcc atcg 684

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<210> 181

<211> 785

<212> DNA

<213> Homo sapiens

<400> 181

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 catttataac cactgtgaat agttacgtat ttaattactc agaactgtcc atgagaaata 720
 ctatagaaat tatttaccat gtggngnatt ttatataaat tcattataat tggngaaag 780
 attaa 785

- <210> 182
- <211> 699
- <212> DNA
- <213> Homo sapiens

<400> 182

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<210> 183

<211> 613

<212> DNA

<213> Homo sapiens

<400> 183

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<210> 184

<211> 682

<212> DNA

<213> Homo sapiens

<400> 184

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tgggaacgtc ttccttggg agaaaaaac acaactgatt gacactcagg ttataccatc 240
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 aatttttata gtgattatag agaatgatta tatgatgttt gtaatgaata aaatagtagt 540
 ttcattatit ggacacaatag cagttttatit taaacaaaca atttgaagtt aaacatttca 600
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 taagaaaggc ctgaatatat ca 682

<210> 185

<211> 858

<212> DNA

<213> Homo sapiens

<400> 185

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<210> 186

<211> 805

<212> DNA

<213> Homo sapiens

<400> 186

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<210> 187

<211> 805

<212> DNA

<213> Homo sapiens

<400> 187

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actggtttaa aaaacaaaca tcgaaaggct tatgccaaat ggaagataga atataaaata 180
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 ttccggataa ccttgtaaca tattgaaacc ttttaaggat gccaaagaatg cattattcca 720
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<210> 188

<211> 866

<212> DNA

<213> Homo sapiens

<400> 188

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<210> 189

<211> 760

<212> DNA

<213> Homo sapiens

<400> 189

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<210> 190

<211> 850

<212> DNA

<213> Homo sapiens

<400> 190

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<210> 191

<211> 864

<212> DNA

<213> Homo sapiens

<400> 191

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ttttctctct cataaaaaca catttgtttt aattgtagga gaaattttct cagcattttg    180
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<210> 192

<211> 706

<212> DNA

<213> Homo sapiens

<400> 192

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706

<210> 193

<211> 719

<212> DNA

<213> Homo sapiens

<400> 193

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 tggagtccga ggttcggagg agtatcagag gttaggggaa ggccggagaa tgggctggga 180
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<210> 194

<211> 826

<212> DNA

<213> Homo sapiens

<400> 194

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cattgtgcct tttaggtttt cttaccacc gtctcctgtt ttgtcttttt tttcttttct 180
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<210> 195

<211> 737

<212> DNA

<213> Homo sapiens

<400> 195

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caaaaaatga ctcatcctaaa accaatcttg gtttttagctg caggcagtgata cataaatgcc 660
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<210> 196

<211> 824

<212> DNA

<213> Homo sapiens

● <400> 196

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<210> 197

<211> 880

<212> DNA

<213> Homo sapiens

<400> 197

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<210> 198

<211> 874

<212> DNA

<213> Homo sapiens

<400> 198

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<210> 199

<211> 877

<212> DNA

<213> Homo sapiens

<400> 199

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aaggagaata atctcaacag actggccaaa ngcatgcaag ccnnggcgcc cttttagtat 780
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<210> 200

<211> 840

<212> DNA

<213> Homo sapiens

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<210> 201

<211> 674

<212> DNA

<213> Homo sapiens

<400> 201

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<210> 202

<211> 691

<212> DNA

<213> Homo sapiens

<400> 202

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 tccatacttc tttattattg ataattttat tttcattttt tgctttcatt attatacata 420
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cactcctttt ttgacatatt aaagccttta ttccatctct caagatatat tataaaattt 540
 attttttttaa ttttaagattt ctgaattatt ttatcttaaa ttgtgatttt aagcgagcta 600
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 ggaaaaggct tncctgnga tgaaaatgat g 691

<210> 203

<211> 714

<212> DNA

<213> Homo sapiens

<400> 203

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 cataccctc agcactgatg aggtagtaga gaagctggag gacattttcc agcaggagtt 600
 ttccaccct tccaggtgag gcttgaaagc cctccttgaa agaagggtg gggccttggg 660
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<210> 204

<211> 724

<212> DNA

<213> Homo sapiens

<400> 204

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gaatgtagac cttcaggttg gtcacaaaca gtgtctcgag attccactgg ggaagcggtc	180
acttttagaa tcaggccaag ctgagggttc tctgtcctca ggtattttcc tttgtagcag	240
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cttttgtgct gcgatgacag aggctgcatg tggcctgcaa agccccaaat ttttatcatc	600
cagcccttta cagaaagagt ttgctgggtcc ctctcataaa gtatcctttt ttttaaagt	660
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<210> 205

<211> 853

<212> DNA

<213> Homo sapiens

<400> 205

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cagtcaggtc aatgctactg agtagcctca gagagaattt cctaaacaat acaagaaaga	180
gaaagatagg tctcttttcc cttttggttc taagcatcct ttcctcactt cagggtaggg	240
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<210> 206

<211> 861

<212> DNA

<213> Homo sapiens

<400> 206

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 tacatgctta cacacatgga cacacacacg tatcctttac atgcaggtat aaagaataat 180
 attaatacat aatgaccaag tgtgtatccc aggttggtta acattcagaa attggtcaat 240
 ctaattcact acattaataa actgaaaaaa atcacatgat tatctcaata gatacagaag 300
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 tgggtgaaaca gtgaatgctt tgtgcctacg atcaggtaca aatcaaagat gtcttcattc 480
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 caaaaaaagc tattagaact agtaaaccat aaaaaattta aaatacatag ggataaatct 660
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 aagaggccta ataaatggag aacacttttg tcatggttgg aagatcctat tcagattcag 780
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<210> 207

<211> 723

<212> DNA

<213> Homo sapiens

<400> 207

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gttggccagg atggtctcga tctcctgacc tcgngatccg ccgctttgtc tccaaagagc 660
tgggattaca ggcgtgagac accgngccct gtccggcctg gtattatcat atgantgata 720
tct 723
    
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<210> 208

<211> 833

<212> DNA

<213> Homo sapiens

<400> 208

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gatccaggtc tgtcttcaga aagcaaaact atctctcaat atacctcaga aacaaagatg 180
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 cagagactaa aagagccccg tcctcttaac tctttgncct ttgggatatt gaccattttc 660
 ttaactatit caaggatagn tttctatit tctaaggaaa gatttctatc ttttgattit 720
 ttttttacta agttgnccag taaccacctt ttaaaataat cacatttatt ttttaattit 780
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<210> 209

<211> 756

<212> DNA

<213> Homo sapiens

<400> 209

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 agcaaaacttg ttaaacatgg ctaaactgag tatcaaagga ctcatgaat ctgctctgag 180
 ctttggccgc actttggatt ctgactatcc ccccttgcag caattctttg ttgttatgga 240
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 ctggggccct ttggaactgg tggagaagct gtaccccgaa gcagaggaaa taggagctag 360
 tgtccgggat ctacctgtc tgaagacccc tctgggtcga gcaagagcgt ggcttcgatt 420
 agccctcatg cagaaaaaaa tggccgatta cttacgttgc ttaattattc agagggatct 480
 cttgagttag ttttatgagt atcacgcact aatgatggaa gaagaaggag cagtaattgt 540
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agactcacga gttggagtga ttgatttttc tatgtattta aagaatgaag aagatattgg 660
 aaataaagaa aggtatgatt ttcataagnt atttcacata ttggggtttt ttatatagct 720
 ctttacaat cattntngga tccatctatt tacaag 756

<210> 210

<211> 692

<212> DNA

<213> Homo sapiens

<400> 210

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 cgcagttccg ggctgccctg ctagaggcag gcatgccgga atgcacagag gacaagtagc 180
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 agaccgcag gagagcacat gtgccttgca tgaagtgtgg gttgcgcaa caattccctg 600
 gtccctttca acctgtttag ttcaacttaa gccttctgt gtccanacce tctgtgcac 660
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<210> 211

<211> 815

<212> DNA

<213> Homo sapiens

<400> 211

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 tggaagttcg gactgggtgg agctcaacac agtgtggcaa agtggctgca gccagactgc 180
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<210> 212

<211> 808

<212> DNA

<213> Homo sapiens

<400> 212

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<210> 213

<211> 703

<212> DNA

<213> Homo sapiens

<400> 213

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<210> 214

<211> 758

<212> DNA

<213> Homo sapiens

<400> 214

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<210> 215

<211> 910

<212> DNA

<213> Homo sapiens

<400> 215

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ccaaagttag ctttgtactg tgtcccttat ctctttctac cagacccaac gcagctggct 420
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<210> 216

<211> 457

<212> DNA

<213> Homo sapiens

<400> 216

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tgcagtgagc tgagatcatt ccactgcact ccagcctggg cgacagcgag actctgtctc 420
aaaaaaaaa ggacaaagga aaggaggggg gaggnnn 457

<210> 217

<211> 813

<212> DNA

<213> Homo sapiens

<400> 217

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<210> 218

<211> 812

<212> DNA

<213> Homo sapiens

<400> 218

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cgatggattt acagctgatt caccagangc acaagaggcc tggaccattt gaacgattcc 780
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<210> 219

<211> 769

<212> DNA

<213> Homo sapiens

<400> 219

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agcaaaggta gaattacaac acagtttggg aaatgctaag tagagagtcc cacagtctgg 660
atctgatgat accgattatg taactcantic atttaccct gagtatggat tggcataact 720
tgatcatgat agatggcatt ttttttattg ggggagaata aatntnaaa 769

<210> 220

<211> 695

<212> DNA

<213> Homo sapiens

<400> 220

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gaatccagat aatgaaactg ttggagggtga agtatttgaa aacctggatg gagacctggg 180
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tcaatcagca aaatatgaca tggcagaaga cctgttaaaa cgggtgcctgc gtcataatag 600
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agatgctgnc ttgaactatg anatggcatg gnaat 695

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<210> 221

<211> 706

<212> DNA

<213> Homo sapiens

<400> 221

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gaatgtagta agaaaacaaa aactgatgac caagagaatg tgtcagccga tgcaccgagt 180

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ccagcccagg aaaatggaga gaagggagaa ttccacaagt tggctgatgc caagatattt 240
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 cagcaaaatg ccaaggactt cttccgcgtt ctgaacctta acaagaaatg tgatacctca 360
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 ttcaacctca gtgtaactga tgcatccaga agactctgtg gtttcctcaa aagtcttggg 480
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 ctgctgtcct ggctgggtcc gatacgccga gcgggtgctg ggtcgnccca tcaactgncca 660
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<210> 222

<211> 817

<212> DNA

<213> Homo sapiens

<400> 222

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 tgaacaatat aagtattgtc ctttctgttt atagacatgt ataggacacc ttcagcaggc 180
 aaggccttat cctagggcca ggaatgtgaa gatgaatgag ctaaccaagc cccacctgcg 240
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 ttaagaaatg catcagaggc atgcctaact tgaaccaaag caagcatctg ttcttattta 360
 aacctagtaa ttgtttcttt acaaattgtg gagaaactta ggacaaatga acctcaaact 420
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 attgacattc accctgtaaa atcatgatac tcttttctgc catagaacca tttcttaaat 540
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 gaggaccggg ggtgggaatc acggcagacc cagtctgtct gcaacagcgg agcctttgga 660
 ggggtgctcaa ggaaacactg gtagaaatgg anggaccaac tgaaggaaaa ttttgaattc 720
 aaaattgaag agtttggntc tgggttccca taatatgctt gataggagaa gcaacctttg 780

naactggctg ggaaatcgga atacatnttg gaggtct

817

<210> 223

<211> 747

<212> DNA

<213> Homo sapiens

<400> 223

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 catacatata cacacgaaca catacctcca tgctgcatat acacacacag gcatacacac 540
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 catacctcca tgccacacag acacacacag gcatacacat actctaattg gtcacaacac 660
 acatgcacac accacacacg aactcncaca ttcattgccac atatacacac acggnccatac 720
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<210> 224

<211> 857

<212> DNA

<213> Homo sapiens

<400> 224

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 ccctttcagt cagcgtgttt ctaaaatatg acaactaatg aaatcgcata gtaaagcta 600
 caaactaaag gctataataa gttgtaacac ttttcagaa tcacaataaa atttttctgg 660
 atatgctgnt gtgtaaggaa ttcctcagtg atatgtgcat ttgaacttca gctaatttt 720
 ctattctctc tgagtttggg aagttatttg aattccccta ctctanggt tttatttat 780
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<210> 225

<211> 635

<212> DNA

<213> Homo sapiens

<400> 225

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 ggggagggtg gncncctgc acccctcca aacctacca gtaacaggag actgnagcag 180
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 naggagacc agaagctgnc ggagctggac gaccgtgcag atgcactcca ngcgggggcc 300
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 ggtgagaatg gccggggccc ttccctgga gaggtttccc cagtggattc taggttttga 480

aggtcattaa tctagtntt actcttcagc caaaaacaca tatagctgct aatggcaatt 540
ctgattcatc tagagccaaa aactttgatg ttatttance tgcattttgc ctagtcttg 600
gcagtcttgn taacatttgg aaatangaaa gctgg 635

<210> 226

<211> 698

<212> DNA

<213> Homo sapiens

<400> 226

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agactatact cttgaattcc agttgtacat ttttgcttgc aaacacaggc atttcagagt 120
ataatgagag gaggctggtg ctcataaaga agactgactt tacagtaaac cacctcccag 180
gagaactgaa gatggggctt gagctgaggt ggggtctctt ctccactatc ccgagcagca 240
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caaaattcag actttggcta cttgaatctt ggtaaatg 698

<210> 227

<211> 819

<212> DNA

<213> Homo sapiens

<400> 227

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 cttctccaaa tgctacagta caaagcccta agcatgagtg gaaaatcgtt gcttcagaaa 180
 agacttcaaa taacacttac ttgtgcctgg ctgtgctgga tggatatattc tgtgtcattt 240
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 gtttaagctt tgagatgcaa caagatgagc taatcgaaaa gcccatgtct cctatgcagt 360
 acgcacgac tggtctggga acagcagaga tgaatggcaa actcatagct gcaggtggct 420
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<210> 228

<211> 816

<212> DNA

<213> Homo sapiens

<400> 228

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 tttatattaa taattacagc ttaccatggg ccagtcactc ttttaaattgc cacagcaaat 180
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 ttaaattggac tgccaaaaat cctaaagcta gtaagtgccg gtaccagtat tcaaacctag 300
 gcagtctagc tcttaaccgc tatactatat cttccattga aatggacagc tggttatttt 360
 gactaaatat cctaagatat gtttggaagg gaattacat cactgacctc ttaaattctc 420
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 cgagaactgt ggcaaaccac tactcactcg tcacttggct tcagctgctc tgtgcaaatt 720
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<210> 229

<211> 772

<212> DNA

<213> Homo sapiens

<400> 229

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 gtagttattc aacattatca gaatccctat ttattttggc agaacagaca aaaggacgtg 600
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 ttaattgaat agccaagtta tgggtgcctta cccaagtaga cagtggaaag gaataatggc 720
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<210> 230

<211> 818

<212> DNA

<213> Homo sapiens

<400> 230

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aacctcatct actgcctgat ccaaacatca ctgctttgaa ctcaatggtc tttcttgagc  420
ctttatgata aatacatagt gcacttttag tccctctgaa gcagattatg ttgtcacaat  480
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caactacatt tcataatatt agcccattta agagtatttt tcaaagtgtg ttctgtggat  600
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<210> 231

<211> 899

<212> DNA

<213> Homo sapiens

<400> 231

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agaatatatt gatgccagat tcgaggccta cctgcaagag gaattgaaga ttaaagttc  180
tctcttcaac taccatgaca cgaggatcca tgccctgctc tactttattg cccctactgg  240
    
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agaagaaatg agacaatgtt ggtatgagag tgaaggagaa agaactgact taagaggcan 840
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<210> 232

<211> 846

<212> DNA

<213> Homo sapiens

<400> 232

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cagtttagac gtgctcttct ctgggaagtt tattcattta ctgtgtgtta gatgttggtc 180
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 attaaatgcc aaaaggatat cttcagccca actttgnittt aaccccagca actggatggc 780
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<210> 233

<211> 719

<212> DNA

<213> Homo sapiens

<400> 233

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 aatacgagta ccggacgacg cgcgtcagcc gcgagggtgg cgttctcaag gtgcacccca 180
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<210> 234

<211> 772

<212> DNA

<213> Homo sapiens

<400> 234

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canggacaac ccgcacttca tgaggaantg aaagtctggg taaaggaaca aaagggtcag	720
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<210> 235

<211> 714

<212> DNA

<213> Homo sapiens

<400> 235

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cctgtggagg tagagggaca atttgtcatg gatgggaatg ggcttgaggg ccgggaagca	180
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<210> 236

<211> 636

<212> DNA

<213> Homo sapiens

<400> 236

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 tgtgtgtgtt tgtgtgtgtg tatgtgtgaa tgtgtctggg gaagttaaga aaaattttga 600
 gtttgnccca ttgatggcaa gcanctgcng caggga 636

<210> 237

<211> 703

<212> DNA

<213> Homo sapiens

<400> 237

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<210> 238

<211> 791

<212> DNA

<213> Homo sapiens

<400> 238

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<210> 239

<211> 797

<212> DNA

<213> Homo sapiens

<400> 239

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<210> 240

<211> 771

<212> DNA

<213> Homo sapiens

<400> 240

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 agatagatta tagacagctg ttactaagta atactgctcc attagggcag aaacagaaac 180
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 cagtcttaga taattataga atacacatta aaatcagata ttggaatttt ctttaattttg 660
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<210> 241

<211> 686

<212> DNA

<213> Homo sapiens

<400> 241

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 aagatggcct tgccttgggg tcttgcttgt ttcataatca tctaactatg ggacaaggtt 180
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 agtgggatcc ctgcctggnt tcctttgatg ngcttgccac angggatttg gctctgatcc 660
 atgtggagat ccaagtgcct ggacat 686

<210> 242

<211> 726

<212> DNA

<213> Homo sapiens

<400> 242

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 accaagatta ccaaccaccc cagcaacaag gtcaagagcg acccgagaa ggcggtggac 180
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 gaagacgagg aggaggagga ggaggagccc gaccgggacc cggagatgga gcacgtctag 660
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<210> 243

<211> 756

<212> DNA

<213> Homo sapiens

<400> 243

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<210> 244

<211> 820

<212> DNA

<213> Homo sapiens

<400> 244

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<210> 245

<211> 763

<212> DNA

<213> Homo sapiens

<400> 245

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 attagttttg agttaattga gattctttta gcgttaacct gggaangta agtctttatc 720
 ttncattaga cattttaaat ttaagaatct aagnaaca cca 763

<210> 246

<211> 836

<212> DNA

<213> Homo sapiens

<400> 246

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<210> 247

<211> 680

<212> DNA

<213> Homo sapiens

<400> 247

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 aaggatccat ggacttgctc ttiggagcag gagagagtaa ttaaaatatt ttaagcagcn 660
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<210> 248

<211> 826

<212> DNA

<213> Homo sapiens

<400> 248

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<210> 249

<211> 779

<212> DNA

<213> Homo sapiens

<400> 249

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<210> 250

<211> 799

<212> DNA

<213> Homo sapiens

<400> 250

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<210> 251

<211> 758

<212> DNA

<213> Homo sapiens

<400> 251

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<210> 252

<211> 786

<212> DNA

<213> Homo sapiens

<400> 252

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<210> 253

<211> 805

<212> DNA

<213> Homo sapiens

<400> 253

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<210> 254

<211> 749

<212> DNA

<213> Homo sapiens

<400> 254

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ttattatctt gtcacttgcc aaaaatagaa ggtaacttaa aaataaatgc aatcaaacca 180

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<210> 255

<211> 790

<212> DNA

<213> Homo sapiens

<400> 255

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gaaagagccc cagcaccgcc cctcctggaa gaaggaagag gaagtggcag tttttgtctt 240
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<210> 256

<211> 788

<212> DNA

<213> Homo sapiens

<400> 256

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ggcaaacagg agtggccagg gctggagagg agctgctgaa gtccatgcag cagggtgctg 180
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<210> 257

<211> 800

<212> DNA

<213> Homo sapiens

<400> 257

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<210> 258

<211> 770

<212> DNA

<213> Homo sapiens

<400> 258

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caaggataat	tctagcatat	ttttttctcc	atgtaagtga	gttgctcttg	cccctgagtt	180
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gatttcagat	aaattcattc	taatacagct	ttttttctta	aagatttttc	ccccaaaaaa	420

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<210> 259

<211> 763

<212> DNA

<213> Homo sapiens

<400> 259

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 agaatgtagg agtcttgcca gcantggctg tttggtctct ggctgttgcc gacctgatga 720
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<210> 260

<211> 707

<212> DNA

<213> Homo sapiens

<400> 260

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tgccctctca ggcttagcat ctatagaaag agataaagaa tgtgtatgca ggattgcaat	660
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<210> 261

<211> 795

<212> DNA

<213> Homo sapiens

<400> 261

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<210> 262
 <211> 328
 <212> DNA
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<400> 262
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 tcattgtagg taagataatt catactggag aaaacgccta catgtgtgaa caatatggca 180
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<210> 263
 <211> 879
 <212> DNA
 <213> Homo sapiens

<400> 263
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<210> 264

<211> 693

<212> DNA

<213> Homo sapiens

<400> 264

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<210> 265

<211> 809

<212> DNA

<213> Homo sapiens

<400> 265

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<210> 266

<211> 800

<212> DNA

<213> Homo sapiens

<400> 266

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<210> 267

<211> 829

<212> DNA

<213> Homo sapiens

<400> 267

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<210> 268

<211> 847

<212> DNA

<213> Homo. sapiens

<400> 268

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<210> 269

<211> 848

<212> DNA

<213> Homo sapiens

<400> 269

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<210> 270

<211> 831

<212> DNA

<213> Homo sapiens

<400> 270

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atcttgagtt	ggaagcactg	aatggcaaac	attancagat	ctcangcagg	actttcagga	780
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<210> 271

<211> 783

<212> DNA

<213> Homo sapiens

<400> 271

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<210> 272

<211> 775

<212> DNA

<213> Homo sapiens

<400> 272

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<210> 273

<211> 783

<212> DNA

<213> Homo sapiens

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<210> 274

<211> 800

<212> DNA

<213> Homo sapiens

<400> 274

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caaccacactc tgctgaaatg tcgttatctc ttcaaggccc ggaggaaatg ctaccactct 180
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<210> 275

<211> 865

<212> DNA

<213> Homo sapiens

<400> 275

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<210> 276

<211> 775

<212> DNA

<213> Homo sapiens

<400> 276

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<210> 277

<211> 891

<212> DNA

<213> Homo sapiens

<400> 277

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<210> 278

<211> 813

<212> DNA

<213> Homo sapiens

<400> 278

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<210> 279

<211> 842

<212> DNA

<213> Homo sapiens

<400> 279

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<210> 280

<211> 862

<212> DNA

<213> Homo sapiens

<400> 280

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<210> 281

<211> 842

<212> DNA

<213> Homo sapiens

<400> 281

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<211> 856

<212> DNA

<213> Homo sapiens

<400> 282

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<210> 283

<211> 735

<212> DNA

<213> Homo sapiens

<400> 283

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<210> 284

<211> 862

<212> DNA

<213> Homo sapiens

<400> 284

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<210> 285

<211> 839

<212> DNA

<213> Homo sapiens

<400> 285

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ctagttagaa aaagttatag aaatgtttgc aaagataagt aacagataga gtcagtagag	360
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atatgggaga actatggatt tttccattac ctaataataa ttgggattta ntggggtctg	780
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<210> 286

<211> 855

<212> DNA

<213> Homo sapiens

<400> 286

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atctaagtag gtaacacaag aaatttcaga tagcacaaga attttcaggc tgcttggatc 420
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 tggatatgaa tctttgtaca tataggcagt attttttctg ngaaacttca tattgctgaa 780
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<210> 287

<211> 851

<212> DNA

<213> Homo sapiens

<400> 287

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 ataaccatgt aggcttacca atccttaacc ctcttgattt agtccatact cacatggata 180
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 atccagttag taaaggatgat agagagcata tggataaata gtgaagaagc ttgatgaggg 780

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<210> 288

<211> 858

<212> DNA

<213> Homo sapiens

<400> 288

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gcaaacaggt taaaataaaa gaatggaata atatatacca tgcttacgct agtcaagaga 420
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agttcttttg tataaacatt agaacactta tcacagcctg cctataatgg agaataattc 600
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gagacacctt ccaattataa aactctatgc aaacaaaaat taacaacgca gatctgagac 720
tattatatta tcctgtgaag gaaggtctgc tgtctgcaca gtggtcctag gctggctttc 780
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<210> 289

<211> 847

<212> DNA

<213> Homo sapiens

<400> 289

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agaagtttag gaagaactac ctgaagccaa gagacctctt actttgtcca ggtgggaaac 180
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cagctcctgc atgggctcta gaagctggtt taacacatga ctcttctgag cctttgcctc 360
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agtgaacact tcagaacttg cacctgccgt gcctgccgag ctgtgcctct tctgtngca 780
tgcgttctcc atnccaggtt ccttacctct gatcttgaat ctttacggat gccctcggct 840
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<210> 290

<211> 860

<212> DNA

<213> Homo sapiens

<400> 290

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gaggaagccc aggagaacaa tgagtcagtt ttttttctt tttttctaca ttgcctacat 180
ttaatatctt ttagagagt ttcaaagaa ttgcttatgc aacacctatc ccagtattta 240
tacagaggga gaaattgatc attttcagaa agtcctttat ttaggtatgt actacacctg 300

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ggctgactct tatactgatt tctaagttaa ttgtatccta tgcacagatc tcaaaaggac 360
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 tttcctatit tccagtgcag cttatccttg tacctaaagt tgagtagccc cactaggaaa 480
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<210> 291

<211> 850

<212> DNA

<213> Homo sapiens

<400> 291

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 accaaaccgt atcagcagta gaaaactgtc tgaggaatgt aattccctga gtgatgtgtt 720

agatgcattt tcaaaagcgc ccacatttcc tagtagcaac tatttcacag caatgtggac 780
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<210> 292

<211> 113

<212> DNA

<213> Homo sapiens

<400> 292

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<210> 293

<211> 848

<212> DNA

<213> Homo sapiens

<400> 293

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tcgtattgag tgttgcttac tgaattgagt ttagaatcat cagttatcat aagacttgtg 600

tcattaataa aaatgcagtt tgagtgttc ttaacactag tccaaacatt tagacgtaag 660
 atcaccataa aaaaattcaa taggaataat aaatcagcat cagaggatat gagggatatg 720
 anggcctaag tgggaaatgt gtgtaccaac ttaaaacaaa gagcttgaaa atttaaaatt 780
 acttaataa ttaatttcat ttatgtgatg ntagccacca tgatgataat ctgaatgaag 840
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<210> 294

<211> 781

<212> DNA

<213> Homo sapiens

<400> 294

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 agtgggtaaa tgtctgcctc caaaaccaa ttctgacct gatctaagta ttctactgca 660
 ccgctgtcac tggaatatca aagttggccc tcagactggg gcctgggtcc ttggattggc 720
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<210> 295

<211> 721

<212> DNA

<213> Homo sapiens

<400> 295

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canagcagca agaggctctc tccagaaaac atcggcagat accaaaggaa aacaagaaca 600
ggcaaaagaa gaaaaggctc gagaactctt cctaaaagca gtanaagaag aacaaaatgg 660
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<210> 296

<211> 847

<212> DNA

<213> Homo sapiens

<400> 296

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<210> 297

<211> 757

<212> DNA

<213> Homo sapiens

<400> 297

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757

<210> 298

<211> 742

<212> DNA

<213> Homo sapiens

<400> 298

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<210> 299

<211> 386

<212> DNA

<213> Homo sapiens

<400> 299

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<210> 300

<211> 880

<212> DNA

<213> Homo sapiens

<400> 300

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 caggcagcct gaaaggaagc agggcatcta cctgcctctc tggtcagatg gagtaattag 180
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<210> 301

<211> 806

<212> DNA

<213> Homo sapiens

<400> 301

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<210> 302

<211> 882

<212> DNA

<213> Homo sapiens

<400> 302

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ccttaggata cccgaaggc cttttaatct tgttcaccaa atgtgtgttc cttgctgaca 180
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<210> 303

<211> 637

<212> DNA

<213> Homo sapiens

<400> 303

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<210> 304
<211> 843
<212> DNA
<213> Homo sapiens

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<211> 814
<212> DNA
<213> Homo sapiens

<400> 305

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<210> 306

<211> 834

<212> DNA

<213> Homo sapiens

<400> 306

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<210> 307

<211> 769

<212> DNA

<213> Homo sapiens

<400> 307

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<210> 308

<211> 567

<212> DNA

<213> Homo sapiens

<400> 308

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<210> 309

<211> 748

<212> DNA

<213> Homo sapiens

<400> 309

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<210> 310

<211> 800

<212> DNA

<213> Homo sapiens

<400> 310

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<210> 311

<211> 577

<212> DNA

<213> Homo sapiens

<400> 311

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<210> 312

<211> 766

<212> DNA

<213> Homo sapiens

<400> 312

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 gcacctgat gggcacagnc attggcacct gcttcggcta ctggctggga gtctcatctt 720
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<210> 313

<211> 799

<212> DNA

<213> Homo sapiens

<400> 313

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<210> 314

<211> 828

<212> DNA

<213> Homo sapiens

<400> 314

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<210> 315

<211> 807

<212> DNA

<213> Homo sapiens

<400> 315

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<210> 316

<211> 846

<212> DNA

<213> Homo sapiens

<400> 316

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<210> 317

<211> 785

<212> DNA

<213> Homo sapiens

<400> 317

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<210> 318

<211> 682

<212> DNA

<213> Homo sapiens

<400> 318

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<210> 319

<211> 847

<212> DNA

<213> Homo sapiens

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 cagaaagang gcggtaccac agtcatttcc caggattgaa tncaaagtgc ttaagccagg 720
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<210> 320

<211> 851

<212> DNA

<213> Homo sapiens

<400> 320

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 cacgatcttg gcttaccaca acctctgcct cctgggttca agcaattctc ctgcctcagg 180
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 aaaaattact taattctcaa aaatatgttg cattctcata ttgtgttagg gaaaattcca 660
 taagtagtct attttttttt ttcttttgct gactggtaac atccaaacac ctgaatgaaa 720
 actgactcat ttctggattg gtgttttaaaa atattgattt gcagatgttc acagaacact 780

tgcatTTTT ggattcacat tgctnaatca aatgtaaang gcaaatatgn atattttaata 840
 aaatgagaag t 851

<210> 321

<211> 722

<212> DNA

<213> Homo sapiens

<400> 321

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 taacaagact gacatgatgg aaatggcaaa atattaacaa ttatgccagg cgtaactgtt 180
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 caaaaacccc aaaaattagc tgggtgtggt ggcacacgcc tatgggtcca gctacttggg 600
 gggctgaggt ggaaggattg cttgaacca ggaggtcgag gctgcaataa gctgtgatta 660
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 cn 722

<210> 322

<211> 813

<212> DNA

<213> Homo sapiens

<400> 322

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aagaagagat ttcccgacac tacaggagag cacacagctg ctacaaatgc cgtcagtgc 720
gttttacagc ttgccgattc ttcagtcact actggagcac tttaacactt gttcacttgc 780
caggaaccag gacatnactn caggccaacn ggc 813

<210> 323

<211> 836

<212> DNA

<213> Homo sapiens

<400> 323

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tgcatTTTgc ctccctggaa tctttttgtc tgtctctttg catcgttgac tcttgcttat 180
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agtggttaaaa atgagataat gtgtgcatgg gggaagggga aggagaggga gaggaagtag 540
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 cagctagctn cccaaaagaa tatttgacag gtctaaataa acatattaga aatgcttgcc 780
 aactagatga tattatttan agcctcgtag ccttggtaga aacaagcctn tntaat 836

<210> 324

<211> 809

<212> DNA

<213> Homo sapiens

<400> 324

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 aggttctcac tgtattgccc agaatggtct cgatctccag atgtgaagtg atctttccca 180
 cttggccgcc taaagtgtg ggattacacc gcacctggcc catgcttttc ttttaaggaag 240
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 atactacttt tctttctttt gttttttctt caacttttat tttaaattcc cgggtacgtg 480
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 ttgataaatg caaggctggg gaacaaagtg agacccccca tctctaccaa ataaaaattt 720
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<210> 325

<211> 844

<212> DNA

<213> Homo sapiens

<400> 325

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agtggctcca gtgcccctgc aggccaaccc gtaacaactc agtccccaag ctgaccctta  180
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<210> 326

<211> 831

<212> DNA

<213> Homo sapiens

<400> 326

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ctgtatataa attatacctt actaaaaatt taaaatctag gaatttactg agagagcata  120

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aagtatgggt gtaatagaga aaacaaatga ttgaaatggc ttaaattgcaa gcctttaata 180
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 acaaccaatc tgtgacttta tgaaaatata tttatgacag tcatacttgc cttactctta 300
 agtgtagtat ttgtccttaa gttgggagca ccataaatta attttaaagc aaaacatatg 360
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 atcaaatact tctagtaatc aagatgtttt gtttaaattt gctaattgtaa gcttcaactc 480
 tatttggttg cactttaaaa aagcatacta gaaaatgggg aatatttgaa acatgcattt 540
 ttaaaagcta ggtgttatct tactcagaag atgttaaaag cttctttata cattttattt 600
 gaaagtaatt tccaaaaaag ggatgcttgg tgggtatatg aaaagggtgc agtatcacta 660
 atcatcangg aaatacatat caaaaccata atggaatatt acctccagct ggtaggatgg 720
 cttttatcaa aaagaccaa aatnacagta ttantgagac tgtggaagaa aaagaaccct 780
 tacaccact gataggaatg natatcagta taggcttatt aaaaaccctt t 831

<210> 327

<211> 834

<212> DNA

<213> Homo sapiens

<400> 327

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 aaggactacc atgccaata aagataaatc tttattttat gtagtgaaag caacaatgta 120
 taatcttctc tttctactt acggcttggt aaagagaccg gtaactgggt ctaatgtttt 180
 gaaatctgca tgcttaccaa tgatgtcttc atgagtttagc tgtaggctaa tggaaaaagg 240
 aagcttatca tactttttag aactttttat aattaaggctc agacctctat attattatta 300
 atattacacc tcagtatttg caattaacat tgagacatcc ttgcaacaaa ccctttggat 360
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ggatattagc tacaactctt gggtatatgt gagagaaact caactccaac tagcaaagaa 660
 ggaaattaat ttattggctt atctaactgc aaagtccaca ctgtagggct gattccaagc 720
 acagctagat ccagangcta acataatggc atcaggactc tgnctctctc tttcagtcce 780
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<210> 328

<211> 796

<212> DNA

<213> Homo sapiens

<400> 328

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 gacctttcct tccaggcggg gagactctgg actgagagtg gctttcaca tggaagggat 180
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 aaagattaat cctatatgta atgatcatta tcgaagtgtg tatcaaaaga gactaatgga 420
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 aaaagttgct ttgaatatgg caagagggtt aaagtatctg caccaagaaa agaaactgct 660
 tcatggagac atagagtctt caaatgttgt aattaaaggc gattttgaaa caattaaaat 720
 ctgtgatgta ggagtctctn taccactgga tgaaaatttg actgggactg accctgagct 780
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<210> 329

<211> 692

<212> DNA

<213> Homo sapiens

<400> 329

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ccgatagga ggaggagggg acccatagga cgcgttaaca tggacctgga aaacaaagtg 180
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ttgtctncca gagangtgaa ggagatggan ca 692
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<210> 330

<211> 743

<212> DNA

<213> Homo sapiens

<400> 330

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taggcagtat agcaagacct catctggaca aaaattttaaa aaattagctg ggtatggtgg 180
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gggtaacata gcgagaccct gtgttttaca aaaattttaa aattagccag gtattttggt 480
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<210> 331

<211> 830

<212> DNA

<213> Homo sapiens

<400> 331

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aaataaagag ttggctagat gatctctaag gtccctttta catctatagg ttncttggg 780
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<210> 332

<211> 891

<212> DNA

<213> Homo sapiens

<400> 332

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<210> 333

<211> 815

<212> DNA

<213> Homo sapiens

<400> 333

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<210> 334

<211> 801

<212> DNA

<213> Homo sapiens

<400> 334

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<210> 335

<211> 821

<212> DNA

<213> Homo sapiens

<400> 335

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<210> 336

<211> 688

<212> DNA

<213> Homo sapiens

<400> 336

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ccacgttctt ttcattcccag gactccggct gaaggacctg ccattctctg ggagactgct 180
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ggcgtcaatg catctacctc cagcacacca ggcatgatgt caggtgcagc aggaggtacc 600
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<210> 337

<211> 803

<212> DNA

<213> Homo sapiens

<400> 337

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 gtggagatgg gtgaggagca gcacagagca gcagggatca tcacatgcag ncaaacttgg 720
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<210> 338

<211> 790

<212> DNA

<213> Homo sapiens

<400> 338

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 tttttatccg atatagtgtg atttaaaagt tttcctacaa agtgagtta tattgttgcc 180
 taaactatgt tatgtaagca aaggtttttg aaaggcggga gggagtctag attcggcgag 240
 agtgtgcgtt tgtgtgtgtg aatgtatgaa aagtttccc attgggttat tcttaagatg 300
 tgtttattgt aaagttttct acgttttgcc cacagtaaat gtacaacttc gcaattgtag 360
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<210> 339

<211> 832

<212> DNA

<213> Homo sapiens

<400> 339

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cagttcattt tctgcaaacc catcctnctt tctaattaa gtaatgncta atgctcatct 780
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<210> 340

<211> 871

<212> DNA

<213> Homo sapiens

<400> 340

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tgatgaacat tctggaattc tgaactgcag ctagcctgct gtgcaatagt acaagtggga 180
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 gtggtgttaa gttccaccag ttattttacaa atgatgtaaa aagctttaag tgttgttaat 360
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 aacctcaaat gatccatcca ccttgcttgg ccatctaatt cacctgctct cccagtgac 480
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 tttaaattta agactaagat taaacaaaac tatctttcac aaccacaaac ccccttcgcn 780
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<210> 341

<211> 871

<212> DNA

<213> Homo sapiens

<400> 341

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 aagcaagaga acggttttgt gtttcagagc atgaatacat tccttcagaa atttagccag 480
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<210> 342

<211> 870

<212> DNA

<213> Homo sapiens

<400> 342

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<210> 343

<211> 869

<212> DNA

<213> Homo sapiens

<400> 343

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taacgtaaca tttattctct cacaattcca gaggccagaa gtccaaaatc aagggtgtcag 240
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<210> 344

<211> 861

<212> DNA

<213> Homo sapiens

<400> 344

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<210> 345

<211> 869

<212> DNA

<213> Homo sapiens

<400> 345

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<210> 346

<211> 813

<212> DNA

<213> Homo sapiens

<400> 346

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<210> 347

<211> 817

<212> DNA

<213> Homo sapiens

<400> 347

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<210> 348

<211> 784

<212> DNA

<213> Homo sapiens

<400> 348

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<210> 349

<211> 712

<212> DNA

<213> Homo sapiens

<400> 349

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<210> 350

<211> 844

<212> DNA

<213> Homo sapiens

<400> 350

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<210> 351

<211> 672

<212> DNA

<213> Homo sapiens

<400> 351

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tcctcgtgtg aggctgtgcc tgtctggcga atcatcttg aaatggatga ggttaaacca	480
agggtcattg agtcccagca ctgggattgt tnnncctgc tctgaaaaaa tggaaaagct	540
acgtccataa gaggcattga tgtctctaga acctgggcca aatatacaac cgcttttttc	600
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<210> 352

<211> 865

<212> DNA

<213> Homo sapiens

<400> 352

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taagtgtcgc ggcggcgcac ctgcgtcaa gaatccggag gaggagactg caaggatagg	180
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 aatggaaatt agaattctaa ttgaatattg tttgtctca gcctaaaagt tacngtcagc 720
 attgcaattc acctatttta ggaaaaatac tcttttcata atatgaaatg cataagcatt 780
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<210> 353

<211> 822

<212> DNA

<213> Homo sapiens

<400> 353

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 aaccagggaa ggtagtttga tttttcattg aattctacaa gctaattattg ttccacgtat 180
 gtagtcttag accaatagct gtaactatca gctgcaatac catggtgacc agctgttaca 240
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 tggggaatta gagccagatg ttatgatttg tttgctcttt tttttttata gttatagcaa 360
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 cacaacacaa taaagtcaag ttattattgc tgttactctg gatgatattg aaaacactgc 540
 catattttta atcaactact ccacgtgttt ttccatccaa tcacactgct gtgattcagg 600
 gatctttctt ctaaaacgga cacatttgaa cctcangttc atcacaacc tggtagctgt 660
 tgcttncagc aggatgggag aagtgtagtt aatcacacct cttagtttaa tctgaaatct 720
 tgaccagatt atttaacaaa taaatacctc attgattata tttaaaagta atcccttcct 780
 gnnaaacaaa tggggacaat gcattccaaa aaanttttta aa 822

<210> 354

<211> 769

<212> DNA

<213> Homo sapiens

<400> 354

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gcggcctcgg gccccgccag cgccgccacg agtgagccca gcgcgaccgc gggcgtccgc 180
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gcctcccctg gtggtcttca tgatcagcgt aagcgccatg gccatagctt tcctgaccct 360
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ttttctgcta cggttcaatg atttggactt gtgtgtatca gagaatgaaa ccctcaagca 480
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caccagctc cccagggccc tggaggactc gggcccgggtg aatatctcag tctcaatcac 600
cctaaccctg gaccactga aacccttcgg agggatttcc cgcaacgtca cccatcttgt 660
acttaaccat ctttaaggga tcaagattgg acttttcaag gcaaggggaa agccccaccg 720
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<210> 355

<211> 714

<212> DNA

<213> Homo sapiens

<400> 355

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gtctcggact tggttgttgc gcgctccggc tccggctgag ctgggagagt tggaggaggt 180

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 agtgaaacgg agccagcggc tgaggagggg cccagcagc cccgaaggc cctatcagga 360
 catggagtat gaaagacgtg gtggttgtgg tgacaggact ggccgctatg gagccactga 420
 ccgctcgcag gatgatgggtg gggagaaccg cagccgagac cagcactacc gggacatgga 480
 ctaccgttca tatcctcgcg agtatggcag ccaggagggc aagcatgact atgacgactc 540
 atctgaggag cagagtgcgg aggattccta cgaggcctcc ccgggctccg agactcaacg 600
 tangcggcgg cggcggcaca ggcttccccg agacggcgac tatcgggacc aggactatcg 660
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<210> 356

<211> 722

<212> DNA

<213> Homo sapiens

<400> 356

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 tcgacattac caagcagtgg accttcaatt acattctccg ggagcttcca aaagtgccca 180
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 tgccggacga cgtgcgtgac ttcattgaca acctggacag acctccaggt tcctcctact 300
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 tcaatatccc atttttgcag cttcagaggg agacgctgtt gcggcagctg gagacgaacc 420
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 cggccaacgg gcagagccca tccccgggt cccagtcacc agtgggtgcct gcaggcgtg 600
 tgtccacggg gagcttcagc cccggcacac cccagcccgc ccacagctgn ccctnaatgc 660
 cggcccacca tnccttggtc ccctgtacca cccttagagc cctgccccaa ctgcgtgccc 720
 ct 722

<210> 357

<211> 671

<212> DNA

<213> Homo sapiens

<400> 357

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cacgagtttg agtgcctcta tgctgccttc ctagatttcc aatcaccaca ggtgcatctt 180
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<210> 358

<211> 796

<212> DNA

<213> Homo sapiens

<400> 358

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tgggaccac caggactttt tcttttgta gaagccttfg gttgctttgc tgctctgcat 180
    
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gtgtcactgt ggaggggcaa tagagcaagg ccttacatgg catggtcatt tctcgggccc 240
 aggaggctta gaggcctgcc cctggcgctc aagtattgaa ccagaaccat ggggtggcac 300
 tgaagcctcc tcaccacatc atgataaata acggggacat tcacagagca ggcaactgtt 360
 cctcagtcca tggctgagta catcacgggt gttttctctc ttattcctcc catcaagcct 420
 aaaaggaatc tctattggag atactgccat tagtgttcct tttatagggt aggaactgag 480
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 gagaagcaaa gaagaatgtg tggcttcttt tgccttgctt ttggtgcatt ccacacatct 720
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<210> 359

<211> 797

<212> DNA

<213> Homo sapiens

<400> 359

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tttttcgtaa tgctaccctg cacaagtgaag agttcaattt ccctgctcag cttctagcaa 720
 caattttgca aggcagatcc agcgccngnt caaagaccta ttataaatgc caagttggag 780
 ggcacacaga gcantac 797

<210> 360

<211> 850

<212> DNA

<213> Homo sapiens

<400> 360

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 gtggtangct gaaaaacacc ctggaaaaga tatncatggc ctaatcctgg accattgaat 780
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<210> 361

<211> 770

<212> DNA

<213> Homo sapiens

<400> 361

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<210> 362

<211> 654

<212> DNA

<213> Homo sapiens

<400> 362

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<210> 363

<211> 743

<212> DNA

<213> Homo sapiens

<400> 363

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 gcagacacct acgactcagt ttatctgcat ccgaactcat actcctgtgc ctgcctggcc 660
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<210> 364

<211> 717

<212> DNA

<213> Homo sapiens

<400> 364

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cagaagtgcg cacagttggg agacgtgata cccgcagtgc tgcagtcctg cttgccttgt 180
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<210> 365

<211> 787

<212> DNA

<213> Homo sapiens

<400> 365

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ttattcctgt ccagaaaaag gtaacccaaa aagtctctag tatccactaa aaggtaaccc 360
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agatcactgg aaaggacccg aggcctcggg tctaatecct ggcttatcac taactgctgt 480
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<210> 366

<211> 832

<212> DNA

<213> Homo sapiens

<400> 366

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<210> 367

<211> 652

<212> DNA

<213> Homo sapiens

<400> 367

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<210> 368

<211> 859

<212> DNA

<213> Homo sapiens

<400> 368

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tggcttcaga ctctggacat taatgtgaag gccccagccc tgatgacaaa ggcagtgggtg 180
ccagaaatgg agaaacgagg gtacagagag tgagagagag cctgggtgag aggggacacc 240
acacgggctg agggcactgg tccacaatgg gaagatggtc agctctcttc tttttccaga 300

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ggcggctcag tggatgatcgt gtcttccata gcagccttca gtccatctcc tgtaagaacc 360
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 caaggaagtt tgtgtcccct tgtagaatca caccaccaag tccctgcca caaatagat 480
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 tgcccctccc ttacaggaga tccctattga gcactgccct ctatgtctag ttattagaac 600
 caagaatgac ctggaaacta tgagtctaac acattctctt ctttctccag ggcttcagtc 660
 cttacaatgt cagtaaaaca gccttgctgg gcctgaccaa gaccctggcc atagagctgg 720
 cccaaggaa cattaggggtg aactgcctac acctggactt atcaagacta gcttancngg 780
 atggtgaaga aaggagctt tgcatttgac tgggaccct tagnaaggcat tcctctttt 840
 ggacaaggga agcccacta 859

<210> 369

<211> 709

<212> DNA

<213> Homo sapiens

<400> 369

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 ggggtggagt gggccggacg agccgcgggg cccgggtgcc gcgggttcga ggccgggccc 180
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 gccgaggag ccgggcctct cggacgcggg gcagggcagc gcccgggctg gagacggact 540
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 ggctaccggg gacccttccc caganggacc ggcccggggc cggggagatg aacgnttca 660
 agcaccggaa ggangacaag cccgcgaaag ggcccccg cggcccca 709

<210> 370

<211> 792

<212> DNA

<213> Homo sapiens

<400> 370

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ttttctgcta tgcacatcc catccgttag aatcttccgg atactataat tcatagttag 180
tggtctcttg aattcagcaa ttcatatct aaagagattc ttgaagacac catgttgtac 240
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tgctgggatt gcaggcgtga gccaccatgc ctggccgatt ttttatttta acgttttggt 360
ttatcttact gtttttcctt aggtgagaaa aatgtaccct tccatgcctg tgctttctag 420
atgttgggac tgatacagat ccacagaggc cacacctaaa attaaattat cgttagtgct 480
aaaacttaat tgactgtgta tataactgtg caattgctgt tactgatata actgtttggg 540
gttcattcaa cagattaaag aagcaaggct ttgcatttaa cacacaaact aatgagatac 600
tgctttatac aagaatttta aaaacactgt catatggttt aagtgtagt taatgtcatg 660
cttatgtcat ataacatagc atgttagagt tctctagagg gacagaacta acaggatata 720
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<210> 371

<211> 827

<212> DNA

<213> Homo sapiens

<400> 371

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 tgagactaca gaattaaact aaaagttaat actgaaaaag tgctggaaat tttccaaata 660
 tttggaaatt aaacagtatg ctcttaaata acccatggat caaaggaaaa atctcaagaa 720
 aaaatgggta aatatttttt aatttttaatg gaaaattccg gnttatggaa accntgggtg 780
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<210> 372

<211> 894

<212> DNA

<213> Homo sapiens

<400> 372

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 catcagaagc tgcctaacc ttagagggtat cccaattgga atggttagttc tgggaaacia 180
 agtcaaagca gtgggagagg taaccaattc tgaagggaca tgggtgcaac tggatcagaa 240
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 gggcggaac cagtacctc gacatgaaga tgaacaagct ctcttggtc agaattctca 360
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 ccaaggattt gattatggac tcggaaatag caaagttttg actgttttac ccactgcagg 480
 tgaccaactg agtgccatat tgaattccat tcagtcacga cccaatctcc cagctccttc 540

catctttgat caagctgcaa aacctccctc ttccctagta cacagcccat ttgtgttcgg 600
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 ttctaaacca gcctctacat caggaaaatc agagctgtcc tctaaacaca gcagatcgct 720
 ttaaacctga tggacgtatg aaccgggact actgnttgat cagaagaagc ttaggggcac 780
 cagaaagttt atctgctagt gaatccctta tcttaaaatc tgatgctgca aaagttgang 840
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<210> 373

<211> 795

<212> DNA

<213> Homo sapiens

<400> 373

aagaagatga agaaggaaac caggtgaact cagcaaggca gactggctgc ttacttcagc 60
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 gtgcaggtgg acggcagtc gaggggctta tttcacttgc ttctcagtc aacttgatag 180
 gagaatccag catcttaaag ttgcatatgt gtagcactaa tgtttcttt taaatagttg 240
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 ctccgttttt gctaacgaaa acttgaaaag ctattttgga agcttaaatg ntttatcttt 720
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 cagtcagatg ggcat 795

<210> 374

<211> 725

<212> DNA

<213> Homo sapiens

<400> 374

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gcatggttgt cagtactttg ggaggagtaa tcccagcact ttgggagggt aaggcaggag  180
gattgcttga gcccaggagt tcaagaccac cttcagcaac aaagtaagac tccatctcta  240
caaagaaaag aaaaaattag gtgggtgtgg tggtagactt gtggttccag atggtgggag  300
gctgagacgg gaggatcact tgattccagg agtttaaggc tgcagtgtgt tgtgttcgtg  360
gcactgcact ccagcctggg tggcagagca agaccctgtc tcaagaaaaa agaaattgaa  420
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gagtaaggnt tatttgccat ggtaacactg gataagtaca ttggtgcctg natttccaag  660
taatttatca tttctgnatt ttagtaaaca tacatatata cagaaaagtg cacaaataa  720
tggaac                                     725

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<210> 375

<211> 747

<212> DNA

<213> Homo sapiens

<400> 375

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aaaaaaaaaa aaagtttcca tttctttcaa atagagttgc tgcctgctat atgcaagaag   60
attggttcca gtacaccctg agtataccta aatccacaga tgccagctct ttataaaaat  120
ggaatattcg catgtaccta cccacattct cctgtatact ctataaatgt ctagattaat  180
taaaatatct catgcattgt aaaagctgtg tacatagttg tattgtttag ggaatcataa  240

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gaaaaaaat ctatatgtgt tcagtacaga cccaaccatt gcaggcctat ctacatcgta 300
 tatatcacct ataatgttac agtttcttgt ttcaatactc agattacttt tgtctaataga 360
 cctgaaagaa tgtgttaaca ccaaccgcaa ttctggttct tctctcttga taaccaagat 420
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 gacatcaaga ccttcatcta tgttgaaga ccaggttct gattgaagat gttgactctt 600
 tgcaggaggc taatactaata gtcagcatct gttcagcttg agggctgaag atgttttgtt 660
 tgaanggtat gtcttcatat ttgcagatat ttagttagaa acattgggtt angaagctag 720
 ntcttttct ttgaatccct aaaaaaa 747

<210> 376

<211> 820

<212> DNA

<213> Homo sapiens

<400> 376

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 gttgagagag cagatagtcc atgggggagc accaatttgg ttggagcatg ctgccaccg 720
 tcaatgctgc gggcatcacc aaaatgaggc ttcagcagga aggaatggt gcaaaaaat 780

gttgctgctg atcaagcctg ntaacccacc agctganaac

820

<210> 377

<211> 861

<212> DNA

<213> Homo sapiens

<400> 377

ctagcttaac ttcatttaaa gaataaatta atcgttttta aacttatgcc agcagttgtt 60
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attccatttt aacccaaaaa tagctttttg ttttctttct taaaacatga ccatgatgca 180
tcgtcaatca aaataaactg aagtatttat taattacagc tgtattgatt tctactctaa 240
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atgaaagcag agcaagcatg ttaagagacc cagactgcaa ataactttgg acgggttcag 780
tgtaattcaa agtgagtcac cctgcctcan ttaccgaatg acagctctga tgacagaact 840
tggaaaagct acccngancg g 861

<210> 378

<211> 887

<212> DNA

<213> Homo sapiens

<400> 378

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atgtatatga gcatgacaga gccgagccag gactatgtgc cagccagcca gtcctaccct	180
ggtccaagcc tggaaagtga agacttcaac attccaccaa ttactcctcc ttcctcccca	240
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aagccgaata accaaatgcc agtgactgtc tctatagcaa acatggctgt gtcctcct	360
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ctcaccatgc agcagcccct tgggaaccag ctccccatgc aggtccagtc tgccttacac	480
tcaccaccca tgcagcaagg atttactctt caaccgact atcagactat tatcaatcct	540
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agggacaaag cactgtacct tacttgagaa tctgaacacc tcttctttcc actgaggaat	720
tcaaggaagt ggtttacca tggattgctt tgtacagtca aggcagttct ccattttatt	780
agaaaaatca agntgctaag cacttttagga ccatttgagc tttgggggtc accacttct	840
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<210> 379

<211> 862

<212> DNA

<213> Homo sapiens

<400> 379

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tttaatcaac atgcaatatt ttatgtgcct tattaccatg tgtaagaag gtaatattca	180
cgttacctag ctatttttta cattagccaa aaaaatatgg ttatgtgcaa atattgtgaa	240
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 ctctgagccc tgggttagaa gactgatatg aaataagcat ttttactata ctgagctatc 720
 cgtatcattt cattattggt gttgcttaga aattctncac aggnnttcaa aagataaatc 780
 atgccatttg attatcagca ccatttggcc aatcagcacc caaatcaatg gactcttgcc 840
 tggcagccct nttaaaaaa tn 862

<210> 380

<211> 581

<212> DNA

<213> Homo sapiens

<400> 380

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<210> 381

<211> 673

<212> DNA

<213> Homo sapiens

<400> 381

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tgcattatct ggagtttggg agtcttcagt tattgtgtat agcaggggag ggtttgttct 180
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<210> 382

<211> 858

<212> DNA

<213> Homo sapiens

<400> 382

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tttcccccta cttgcaaacc tgcctggagg ttctggtcct taggaagtag cacttagcaa 180
gttctggata agcactccag aatttgggat gagttatcct tgttgtttgt ccagctctat 240
cttggacccc agtgctgcta attagattca tgccttgctc tttagggcatt aagttcctct 300
cttggctatt ttcttagta tgctgagaac taggattccc tticagtac agagtctctg 360
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cctggaaccc caatcaagag cctaaagttt aactactctc tgagatatta gcctgatgcc 420
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<210> 383

<211> 767

<212> DNA

<213> Homo sapiens

<400> 383

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 aggagcggag gacccccca ctctccctcg agcgccgcag tccaccgtag cgggtggagc 180
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 ctctcctgac acccgccgac cctgaccagt gttgccgggt tcttcaaagg ccacgctctg 660
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<210> 384

<211> 779

<212> DNA

<213> Homo sapiens

<400> 384

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gatcagatgg ttttaggtgt gtggtcttat ttctgagttc tctattctgt tccattggtc 180
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<210> 385

<211> 715

<212> DNA

<213> Homo sapiens

<400> 385

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 aggagacatt aggaggcaca ggcatgggtg ggtgcacctt tttcctcaac tggatctgaa 660
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<210> 386

<211> 747

<212> DNA

<213> Homo sapiens

<400> 386

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747

<210> 387

<211> 812

<212> DNA

<213> Homo sapiens

<400> 387

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 gaacctcagc aaggacggct gggangatgt gagtgaaagc agtgattctt gaagcacaga 720
 cctcttcaaa ctttgggaac cattatttgt aggaaccat tcccagaaa ataaggctct 780
 taccggaagg aatgggaaaa ngancccnga aa 812

<210> 388

<211> 890

<212> DNA

<213> Homo sapiens

<400> 388

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 ttgggcaaga catttgaag aatttnaagg tgaaagacc accccttgac aggaaagcca 840
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<210> 389

<211> 624

<212> DNA

<213> Homo sapiens

<400> 389

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cccttcctgg gatgggccag acaagcagag cctggtcagg cggcttttgg cagtctacgc 480
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ctatgagttg ggggatgtg tanaagctgt gaggcacagn caggaccggg cttctgcgc 600
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<210> 390

<211> 590

<212> DNA

<213> Homo sapiens

<400> 390

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catcgccgcg ggcgtatgcg ggctcacgca gatcacgcag taccgnagcc accctgtgga 180
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<210> 391

<211> 788

<212> DNA

<213> Homo sapiens

<400> 391

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caaccccacc cacgttcacc cgggcccttc cagctccaat ccagggggtc tggaggatgc 120
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 gccaggatca ctgnaagggt ccctgcagcc aggtttctag ggatcaagggt ctctacagga 660
 ctcttcagc aaaagcaggt cccctcgtgg aatgggtctc tgagtgcctt ggtgaatata 720
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<210> 392

<211> 859

<212> DNA

<213> Homo sapiens

<400> 392

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 catctcaatt tgggaaactg aacttagctt tcaaagatca taggaagtct ggttgagaa 180
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 aatctccact gattgagtgt ttacttggtg ccaagcacta tgctaagttg ttcattattt 480
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gaagtgtccc caaaaagtta gagctcaaac agcagcttat tctaccagcc cctgctcttg 600
 cggaggcctc tggaaaagac ctgaatgaca cctattggag aatcacatct acaaggggct 660
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 aaaggaaagc tccctaaggg ttagttaacc tttgctgagg aaatttacat tcatacntag 780
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<210> 393

<211> 614

<212> DNA

<213> Homo sapiens

<400> 393

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 caagcgagac actaccattg aatcaggga tgagaattaa gaatggacag gaccaagaca 240
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 cctgtctcgg ncttccaagt agctgggact acaggcatga gccatcacac ccagctggnt 600
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<210> 394

<211> 752

<212> DNA

<213> Homo sapiens

<400> 394

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agcagccccct tcagccccctt gccccctgtt ccccaaacct cagggttccc tcttgcatat 180
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cccttttagct catctccaag atgggtaaac gtagccacca ttcagaaagc ccagaaattc 540
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aatatctact gagggacaat cagcaaagcc tcaaaggagt cgtctcaggt agggctactg 660
gcctgtggca ggagagacag aggcacaaac ccaccaccc ataacttccg gtggctgac 720
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<210> 395

<211> 685

<212> DNA

<213> Homo sapiens

<400> 395

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cttgatgcca tgtaagaat gatgtgaatt ctccagtt ctgccctggt gctagacatt 60
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tcttgaaaaa caagaccagt aagaggccag tgaaagtact aaagaaagaa accaatgttg 180
tgtgagtttc aaagcagctg caatgctgtg taaaagtaga gtgttcattc tccatttcca 240
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gtgattattg agtttctcct tctcctttta gtcacacct tccttttatg aatgatagt 360
aaggaactcg tctattctga aaggcatttg agaaatagct gaattcctgg ctgctttttt 420

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gctgggggta gatggtggaa tacttctggt ctagatataa cttaccacta agaaaccccc 480
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<210> 396

<211> 812

<212> DNA

<213> Homo sapiens

<400> 396

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 cttgaaggca tttcccaagc ggcagaaaat tcatgctgat gcatcatcaa aagtacttgc 180
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<210> 397

<211> 815

<212> DNA

<213> Homo sapiens

<400> 397

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<210> 398

<211> 840

<212> DNA

<213> Homo sapiens

<400> 398

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<210> 399

<211> 830

<212> DNA

<213> Homo sapiens

<400> 399

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gttttgagcc ttctggagac attgaatttg aggattacac tcagccaatg aagccactgn 780
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<210> 400

<211> 850

<212> DNA

<213> Homo sapiens

<400> 400

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<210> 401

<211> 730

<212> DNA

<213> Homo sapiens

<400> 401

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<211> 795

<212> DNA

<213> Homo sapiens

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<211> 853

<212> DNA

<213> Homo sapiens

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<210> 404

<211> 864

<212> DNA

<213> Homo sapiens

<400> 404

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<210> 405

<211> 830

<212> DNA

<213> Homo sapiens

<400> 405

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<210> 406

<211> 848

<212> DNA

<213> Homo sapiens

<400> 406

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<210> 407

<211> 846

<212> DNA

<213> Homo sapiens

<400> 407

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<210> 408

<211> 838

<212> DNA

<213> Homo sapiens

<400> 408

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<210> 409

<211> 844

<212> DNA

<213> Homo sapiens

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<210> 410

<211> 827

<212> DNA

<213> Homo sapiens

<400> 410

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<210> 411

<211> 834

<212> DNA

<213> Homo sapiens

<400> 411

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<211> 833

<212> DNA

<213> Homo sapiens

<400> 412

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<211> 678

<212> DNA

<213> Homo sapiens

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<210> 414

<211> 789

<212> DNA

<213> Homo sapiens

<400> 414

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789

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<211> 284

<212> DNA

<213> Homo sapiens

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<211> 771

<212> DNA

<213> Homo sapiens

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<210> 417

<211> 866

<212> DNA

<213> Homo sapiens

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<210> 418

<211> 797

<212> DNA

<213> Homo sapiens

<400> 418

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<211> 800

<212> DNA

<213> Homo sapiens

<400> 419

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<210> 420

<211> 823

<212> DNA

<213> Homo sapiens

<400> 420

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<210> 421

<211> 832

<212> DNA

<213> Homo sapiens

<400> 421

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<210> 422

<211> 853

<212> DNA

<213> Homo sapiens

<400> 422

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agagcaagaa	actccaatgt	ggaagccatc	tcaaagacgt	atacaaaaatt	tactaatitc	300
cagttcatca	aagcaaatta	catgagttag	ctcagattcc	aaggtcaagg	tagtcaccct	360
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<210> 423

<211> 872

<212> DNA

<213> Homo sapiens

<400> 423

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<210> 424

<211> 859

<212> DNA

<213> Homo sapiens

<400> 424

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<210> 425

<211> 760

<212> DNA

<213> Homo sapiens

<400> 425

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<210> 426

<211> 877

<212> DNA

<213> Homo sapiens

<400> 426

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 ccaatcttgg attttaatgg gaaatgtggg ccccaaaatg accgaacata ggacattcta 840
 aagttccttg gattggatca ttataagaaa gngnggg 877

<210> 427

<211> 866

<212> DNA

<213> Homo sapiens

<400> 427

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<210> 428

<211> 765

<212> DNA

<213> Homo sapiens

<400> 428

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<210> 429

<211> 848

<212> DNA

<213> Homo sapiens

<400> 429

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<210> 430

<211> 832

<212> DNA

<213> Homo sapiens

<400> 430

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ctagaagagt tccggtccga ttctgcgaaa gaggaagtga gagaaagcgc gtactacctt 60

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<210> 431

<211> 603

<212> DNA

<213> Homo sapiens

<400> 431

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<210> 432

<211> 880

<212> DNA

<213> Homo sapiens

<400> 432

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ggatgatgct tctgcgagat tacggccgct atgacatggc tcagcttcgg tttaaaaaag 180
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<210> 433

<211> 840

<212> DNA

<213> Homo sapiens

<400> 433

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 gggtgcagtg tggcgagatt gcaccattga ctccantctg ggcgacagga nggaaactca 780
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<210> 434

<211> 912

<212> DNA

<213> Homo sapiens

<400> 434

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<210> 435

<211> 791

<212> DNA

<213> Homo sapiens

<400> 435

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ggaaggaagc ccacccccac acctgcatct gnetgggttc aaccaggtaa agggacttac 780
tgggatcgng g 791

<210> 436

<211> 751

<212> DNA

<213> Homo sapiens

<400> 436

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taatnattta tttttttaaa tgnattgctg a 751

<210> 437

<211> 780

<212> DNA

<213> Homo sapiens

<400> 437

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<210> 438

<211> 872

<212> DNA

<213> Homo sapiens

<400> 438

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 ccacagtaaa gcttttttaa tggatgtaat aacctgatta taacattaat ctgaaagtca 180
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<210> 439

<211> 863

<212> DNA

<213> Homo sapiens

<400> 439

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<210> 440

<211> 640

<212> DNA

<213> Homo sapiens

<400> 440

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ccgggcgctg agactccggc cgcgcagctg ggagctgccc gcgctgcgct gacagccgcg   180
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<210> 441

<211> 823

<212> DNA

<213> Homo sapiens

<400> 441

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tggaattaca gctatagcgg cagtgtatat aggattgctt tttctcgtct tcctgggttc   180
tgaagtaacg gaagctacct tgtataaaga cctcaacact gctgaccatg atcagcgcag   240
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<210> 442

<211> 852

<212> DNA

<213> Homo sapiens

<400> 442

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aatgaacact gc 852

<210> 443

<211> 834

<212> DNA

<213> Homo sapiens

<400> 443

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<210> 444

<211> 634

<212> DNA

<213> Homo sapiens

<400> 444

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<210> 445

<211> 852

<212> DNA

<213> Homo sapiens

<400> 445

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<210> 446

<211> 853

<212> DNA

<213> Homo sapiens

<400> 446

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<210> 447

<211> 851

<212> DNA

<213> Homo sapiens

<400> 447

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<210> 448

<211> 687

<212> DNA

<213> Homo sapiens

<400> 448

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<210> 449

<211> 874

<212> DNA

<213> Homo sapiens

<400> 449

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<210> 450

<211> 746

<212> DNA

<213> Homo sapiens

<400> 450

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<210> 451

<211> 787

<212> DNA

<213> Homo sapiens

<400> 451

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<210> 452

<211> 784

<212> DNA

<213> Homo sapiens

<400> 452

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<210> 453

<211> 851

<212> DNA

<213> Homo sapiens

<400> 453

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<210> 454

<211> 526

<212> DNA

<213> Homo sapiens

<400> 454

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<210> 455

<211> 845

<212> DNA

<213> Homo sapiens

<400> 455

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ccttctgagg atgaacttac ttgcttttct aaaacatctc tccttccaat cgatgagaca 300
aatccagatt tggaagagaa aatggaaagt tcttttggtt caccatctaa acaagaaagt 360

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 gaagtanagc accatacact gagatacagc ttaagttagt acataattga ctagagttgt 780
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<210> 456

<211> 794

<212> DNA

<213> Homo sapiens

<400> 456

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 ttagacatcc ctttccatca agtgtcctac gtaaaggagt attggaatga tgtgttcagt 300
 gacttttga atgagtatga aaaaggaagg actcccaatc ctgacatagt ttgcaacaag 360
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794

<210> 457

<211> 846

<212> DNA

<213> Homo sapiens

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aatttatatt ttagatttta gcataatttc tgaacaaac aataacaact attaccagt	480
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<210> 458

<211> 425

<212> DNA

<213> Homo sapiens

<400> 458

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<210> 459

<211> 868

<212> DNA

<213> Homo sapiens

<400> 459

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 ccatgggaaa ttccacagag taaactatct aatctncaca aataaattga aatggaagcc 780

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<210> 460

<211> 819

<212> DNA

<213> Homo sapiens

<400> 460

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<210> 461

<211> 415

<212> DNA

<213> Homo sapiens

<400> 461

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<210> 462

<211> 856

<212> DNA

<213> Homo sapiens

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856

<210> 463

<211> 827

<212> DNA

<213> Homo sapiens

<400> 463

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<210> 464

<211> 863

<212> DNA

<213> Homo sapiens

<400> 464

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<210> 465

<211> 858

<212> DNA

<213> Homo sapiens

<400> 465

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<211> 590

<212> DNA

<213> Homo sapiens

<400> 466

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 gaagtctctt tccccagaa ccagcangtc atgccagcac ctgacagatg cctgtggcgc 480
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<210> 467

<211> 800

<212> DNA

<213> Homo sapiens

<400> 467

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 ttttcccccc tgccttttcc ggaatgcaga cttagaggag agaggctgcg ccctggccca 180
 gcctggctcg gctcagctcc gcgcgccatg gcaagctcgg cttccctgga gaccatggtg 240
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<210> 468

<211> 696

<212> DNA

<213> Homo sapiens

<400> 468

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 agcctctttt tttaaagtgt cagagcccta taaaatattg ttaataaata attttaacat 180
 aaaaagaggt acagatttac agatgtacat gcagtataaa atgataacct caagcatacc 240
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 gctgccaatc ccccttgcgt gtccccggc attatcttct ttctcgacca ccactgatga 600
 gcattctaatt gcccttcaa ggccttattc agatggccct tattggagct gnttctgaat 660
 ctttttagac tcatttgggc cccttnactt aagaan 696

<210> 469

<211> 869

<212> DNA

<213> Homo sapiens

<400> 469

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 ctttatttca tgaaattcct tgagaaaact tcaacagtaa agaaagaaat ttcgttcac 180
 tcacaactct tccaaacgag gaaacttagt gaaatatttc agagcttcta gatgtgaggt 240
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 ttttaggaac tttgggttat gaacgcttcc attttatacc tgtgtctagt tagtttctgc 360
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 ggtcatgcag tgatctctaa gacatattaa ctagaaagcc aaagggttaa caatgtatag 780
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<210> 470

<211> 822

<212> DNA

<213> Homo sapiens

<400> 470

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aaattgagtg acacctttta ggctacagta cttgattttt taacatcttt tctgttgggg 180
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ttaaactttg aagcactttt taaaaaatca taagtacacc agtgctgcac ctccaatgat 420
aatcatttag gaaacacaga aaacaaaaat taaatgaatg gtccacatgt gaataaataa 480
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<210> 471

<211> 798

<212> DNA

<213> Homo sapiens

<400> 471

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 gacgtgaac ttgccacttg agcccccaag ggactgtgcc gaactgcaat ggagtttcag 720
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<210> 472

<211> 862

<212> DNA

<213> Homo sapiens

<400> 472

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 ctttgtggct tcatgaagga agaggcaggc cacgcaacac ttctctccca agccaaggag 180
 aagtatcact tttagaggca gaggagcgga aggcagtggg tgtgaccaa agtgccattt 240
 gttaaagctt atcttccttg ccagatttta aaaactatta tggaaaatct caagcattca 300
 caaaagtaga gagaaagaaa ggactctcag actgttgag cagaactact gagaaaaacc 360
 aggcattgta tcttcagttg tcatcaagtt cgcaatcaga ttggaaaagc tcaacttgaa 420
 gctttcttgc ctgcagtga gacagagat agatattatt cacgtaataa aaaacatggg 480
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<210> 473

<211> 811

<212> DNA

<213> Homo sapiens

<400> 473

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 gcctccctga tgctgcgggg gcgacctga gcgtacagcg gcttccctcg gtggggaccc 180
 cgacatcca gcgctgtgcc cggctttgcc ctctgtagcc cggttcgccc cgcgcttgga 240
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 gggctctccc cgagaggcgg tggcgggggc gactgcagcc ctggagccca ggaagccgca 360
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 tacgattaca tcagtgagcc ggcgacgcct cagtgagagg gagaccggca cttcttncgg 720
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<210> 474

<211> 866

<212> DNA

<213> Homo sapiens

<400> 474

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<210> 475

<211> 864

<212> DNA

<213> Homo sapiens

<400> 475

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taaaaaagaa aatctggaca atagatgtgg actccaaggg gccactgcca tcccttcctg 180
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 agttatttgt atttataat aagtacatca gaacttgccc acatgataac tcatggttgc 780
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<210> 476

<211> 861

<212> DNA

<213> Homo sapiens

<400> 476

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 agcgtaaca ttttctctgt cgtgtagcag agagtacaag aatcatttca gcaaagcagt 480
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<210> 477

<211> 866

<212> DNA

<213> Homo sapiens

<400> 477

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<210> 478

<211> 857

<212> DNA

<213> Homo sapiens

<400> 478

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aagccctttt ctaatttgaa aaaaaaaaaa aaacaaaaaa ctggagacct gattctgttn  180
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ccagaaagtt cattttgntc tttctgaaaa caacctgat tataagatgc ttctgaaaca  780
cggaagtgag agaacatgtt gtacagagaa catgcacctt ttgccctgcc ccatgnacct  840
atgctaagca tttataa                                     857
    
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<210> 479

<211> 862

<212> DNA

<213> Homo sapiens

<400> 479

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<210> 480

<211> 865

<212> DNA

<213> Homo sapiens

<400> 480

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 ggatgcctca gactttatat tcgtggttta ttttcaattc tggtcattgt attggctctt 780
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<210> 481

<211> 745

<212> DNA

<213> Homo sapiens

<400> 481

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 atcttactgg cattcacctg ggcttinctn gctcaatcag gggccaagtc tggcctgatc 720
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<210> 482

<211> 755

<212> DNA

<213> Homo sapiens

<400> 482

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<210> 483

<211> 876

<212> DNA

<213> Homo sapiens

<400> 483

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ggtttggaag atgggggtgcc taggtcccggt ggcgaaggga ccggggaagt ggtcttgag 180
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<210> 484

<211> 797

<212> DNA

<213> Homo sapiens

<400> 484

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 tggctgtgtg caacatggtg agcatacgggt gctgtgtgtg tcacagaagt agattctgtg 180
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<210> 485

<211> 832

<212> DNA

<213> Homo sapiens

<400> 485

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 gtgatagggg agggcctgtg accccttaag gagctgagac gctgtcacag agcaatggga 180
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<210> 486

<211> 762

<212> DNA

<213> Homo sapiens

<400> 486

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 gcagtgcgcc gagaccacat cattgaactc cagcctgggt gacagagtga gactctgtct 180
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 aagggttag cttttgtagg acccactctg ggacactggt acctgctgcc ttagccgtg 420
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<210> 487

<211> 852

<212> DNA

<213> Homo sapiens

<400> 487

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 gcttcagaag gaagggtgtg gacattcttt ccatcatgac acaaaccaac aattacatac 180
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 aaaactgaag gctaaattga atatatgact aagttattta ctaagaggaa tcttagtcca 420

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 nctaggaaca gtcttggaat aggcagcttg ggttctactn ccagaaatac tttgceatnc 840
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<210> 488

<211> 806

<212> DNA

<213> Homo sapiens

<400> 488

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 ctagcatatt ttcattctgg tcttagctct taaacttctc caagcgggtga ctgttatgct 180
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 gtgtttcttg ttgaaagatg gcaagggttag agaccttgnt tggctggcgt ttccagtgcc 780
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<210> 489

<211> 889

<212> DNA

<213> Homo sapiens

<400> 489

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ttcgacctct actaccttcc aaggaccttg gaaagactta agtatgtgtt agaactctct	180
tgaaggcttg gtcttccttt agtgacatta acactcaggt ttgttatcc agtgggcagc	240
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attttgagcc tttatgcacc agcacataca tagtaagaca cacaagatag ttcaacaaaa	600
tctaagtaat atacaaacac tgtaagagct tttccaacca aagaaacttt aatgtagatc	660
tgaaatgagc catcatgata cagaaaaaga tgattaccat ttcgtgtcct ttccaagtag	720
aactatctga taaacttttc tggttgtatc agaagagatt tcaactcaac atgaaaattc	780
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<210> 490

<211> 723

<212> DNA

<213> Homo sapiens

<400> 490

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 cttgcaagaa actctgaaat aaccttcaga acacaaaaaa ctggaggttc tataacctaca 660
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<210> 491

<211> 808

<212> DNA

<213> Homo sapiens

<400> 491

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 gtggcagaac atggggacct ccgtgcgccg gagatctctc cagcaccagg agcagctgga 120
 ggacagcaag gagctgcagc ctgtggtcag ccatcaggag acctctgtag gggccctggg 180
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<210> 492

<211> 874

<212> DNA

<213> Homo sapiens

<400> 492

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 gcagctcttg ggagagcaca ttaaagagga aaaagaagaa tctgaatttc taccctcatc 180
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<210> 493

<211> 834

<212> DNA

<213> Homo sapiens

<400> 493

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<210> 494

<211> 823

<212> DNA

<213> Homo sapiens

<400> 494

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<210> 495

<211> 752

<212> DNA

<213> Homo sapiens

<400> 495

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 ctttgtgga cgtccaattg taaagccaga atattttact gaattcctga aagcagttca 660

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<210> 496

<211> 465

<212> DNA

<213> Homo sapiens

<400> 496

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<210> 497

<211> 830

<212> DNA

<213> Homo sapiens

<400> 497

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<210> 498

<211> 847

<212> DNA

<213> Homo sapiens

<400> 498

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 aaaaaaaaaag aaaaatagga tactgaagac agaaccatgt gacttggtga caaacaaaag 180
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 agacgatcag cctgacaaaa atattgcaaa gagttttcta agtctctgaa gatttttttc 720
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<210> 499

<211> 819

<212> DNA

<213> Homo sapiens

<400> 499

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<210> 500

<211> 711

<212> DNA

<213> Homo sapiens

<400> 500

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<210> 501

<211> 840

<212> DNA

<213> Homo sapiens

<400> 501

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<210> 502

<211> 745

<212> DNA

<213> Homo sapiens

<400> 502

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<210> 503

<211> 812

<212> DNA

<213> Homo sapiens

<400> 503

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<210> 504

<211> 792

<212> DNA

<213> Homo sapiens

<400> 504

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<210> 505

<211> 726

<212> DNA

<213> Homo sapiens

<400> 505

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<210> 506

<211> 762

<212> DNA

<213> Homo sapiens

<400> 506

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attgcagggg gccaggtgat ggncattaat tcagtgcacac cagattttcc tctgagagca 720
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<210> 507

<211> 786

<212> DNA

<213> Homo sapiens

<400> 507

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<210> 508

<211> 860

<212> DNA

<213> Homo sapiens

<400> 508

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<210> 509

<211> 678

<212> DNA

<213> Homo sapiens

<400> 509

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<210> 510

<211> 769

<212> DNA

<213> Homo sapiens

<400> 510

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<210> 511

<211> 802

<212> DNA

<213> Homo sapiens

<400> 511

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<210> 512

<211> 782

<212> DNA

<213> Homo sapiens

<400> 512

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